

## Mmakoena

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**From:** Martin Struwig <martin.vaalbewater@vodamail.co.za>  
**Sent:** Friday, October 5, 2018 5:15 PM  
**To:** 'Mmakoena'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

**Importance:** High

Hi,

I would like to see a site plan indicating the mining areas or pits?

Regards

**Martin Struwig**  
**[martin.vaalbewater@vodamail.co.za](mailto:martin.vaalbewater@vodamail.co.za)**  
**083 457 1430**  
**086 457 3397 Fax**

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, 05 October 2018 16:30  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith notification (provided in English, Afrikaans and Sesotho) regarding a Mining Right application as well as the availability of the draft Scoping Report and details of the Open Day.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 8, 2018 12:38 PM  
**To:** 'Martin Struwig'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** 30 year mine plan.jpeg

Good morning Martin,

Please find attached the 30 year mine plan for the proposed project indicating the areas proposed to be mined.

If you have any further questions or requests, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Martin Struwig [mailto:martin.vaaloewer@vodamail.co.za]  
**Sent:** Friday, October 5, 2018 5:15 PM  
**To:** 'Mmakoena'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Importance:** High

I would like to see a site plan indicating the mining areas or pits?

Regards

**Martin Struwig**  
**[martin.vaaloewer@vodamail.co.za](mailto:martin.vaaloewer@vodamail.co.za)**  
**083 457 1430**  
**086 457 3397 Fax**

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, 05 October 2018 16:30  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use



## Mmakoena

---

**From:** Daleen Temlett <temlettde@gmail.com>  
**Sent:** Friday, October 5, 2018 5:54 PM  
**To:** Mmakoena  
**Cc:** Brendan Stefanie; Zizo Siwendu; jochen@shango.co.za; gavinaboud@vodamail.co.za  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Hello Mmakoena

Please note that I am strongly objecting to the application. This will be destruction of our environment, river life and pollution.

Kind regards  
Daleen Temlett  
Resident Vaaloewer

On 05 Oct 2018 17:32, "Mmakoena" <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith notification (provided in English, Afrikaans and Sesotho) regarding a Mining Right application as well as the availability of the draft Scoping Report and details of the Open Day.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**



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GPS Co-ordinates: -26.151388 27.962913



## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 8, 2018 12:58 PM  
**To:** 'Daleen Temlett'  
**Cc:** zizo@shango.co.za; 'gavinaboud@vodamail.co.za'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day Daleen,

Thank you for your mail.

Your objection to the proposed project and reasons thereof are well noted.

Your comment will be recorded in the Issues and Responses Report and will be taken into consideration by the Department of Mineral Resources in their decision-making.

If you have any further concerns in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



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[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Daleen Temlett [mailto:temlettde@gmail.com]  
**Sent:** Friday, October 5, 2018 5:54 PM  
**To:** Mmakoena  
Brendan Stefanie; Zizo Siwendu; jochen@shango.co.za; gavinaboud@vodamail.co.za  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Hello Mmakoena

Please note that I am strongly objecting to the application. This will be destruction of our environment, river life and pollution.

Kind regards  
Daleen Temlett  
Resident Vaaloewer

On 05 Oct 2018 17:32, "Mmakoena" <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

## Mmakoena

---

**From:** paulkg@vodamail.co.za  
**Sent:** Saturday, October 6, 2018 10:02 AM  
**To:** mmakoena@shango.co.za  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; Gavin Aboud; Chris Campbell; Majute Kgole; Ishmael Semanya; Gregory Mofokeng  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Mmakoena

Thank you for the notice much appreciated Mme.

It is common cause that mining has caused chaos and destruction to communities and society at large including killing indigenous people in this country and indeed many countries especially in Africa.

It is common cause that notwithstanding the ridiculously massive profits, mining has raped all financial benefits which have and continue to be repatriated to other continents whilst Africa remains poor, riddled with diseases etc caused by the same mining companies.

It is common cause that people like you and your company have in the past been used as fronts and decimators of African lives who strategically impoverished communities and society.

There are many examples all over the country and indeed the continent where such malice took place in the past and continue unabated even today.

I would therefore want an unqualified commitment that you and your company will not be complicit in future socio economic problems that will eventuate resulting from this proposed mine that you are so passion to get going.

Please let me know your qualifications and professional registration with the relevant Statutory Councils and professional bodies which has Code of Conduct.

I need to be comfortable that you and your company are real professionals who has due regard for promotion, development and protection of public interest by continuously exercising DUTY OF CARE.

Thank you Mme wa ka.

Ke nna

PAUL KGOLE PrQS  
0848235971  
248 Vaaloevers

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

**From:** Mmakoena  
**Date:** Fri, 05 Oct 2018 17:15  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za;  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 8, 2018 4:00 PM  
**To:** 'paulkg@vodamail.co.za'  
**Cc:** 'zizo@shango.co.za'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'; 'Gavin Aboud'; 'Chris Campbell'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Zizo Siwendu CV.pdf; Mmakoena Mmola CV.pdf

Good day Paul,

Thank you for your mail.

Your comments are well noted.

As requested, please find attached mine and Zizo Siwendu's Curricula Vitae indicating our qualifications and experience.

It is our job as environmental consultants to provide expert independent assessments and advisory services for our clients.

Shango Solutions have been appointed by the Applicant (Monte Cristo Commercial Park (Pty) Ltd) as the independent Environmental Assessment Practitioner (EAP) to undertake an environmental process (Scoping and Environmental Impact Assessment) in support of the Mining Right application, as per the requirements in the National Environmental Management Act, 1998 (NEMA, Act 107 of 1998) (as amended) and its associated Environmental Impact Assessment (EIA) Regulations (as amended) and the Mining and Petroleum Resources Development Act (MPRDA). As an independent EAP, Shango Solutions is obliged to perform the work relating to this application in an objective manner. It is our duty to adhere to the requirements of the applicable legislation and to compile an Environmental Management Programme Report (EMPR) that will ensure that any potential impacts that may arise as a result of this project are identified and mitigated.

Should the Mining Right be granted by the Department of Mineral Resources (DMR), you as an Interested and Affected Party (I&AP) have the right to appeal the DMR's decision. In addition, should the Applicant not comply with the conditions specified in the Mining Right and EMPR, you as an Interested and Affected Party have the right to report any non-compliances to the DMR as the regulatory authority.

Kindly note that it is the Applicant's responsibility to ensure the promotion, development and protection of public interest by continuously exercising DUTY OF CARE for their operations.

Should you have any further questions or comments in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

## Mmakoena

---

**From:** Wayne Van Heerden <wayne@aandw.co.za>  
**Sent:** Saturday, October 6, 2018 5:12 PM  
**To:** Mmakoena  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good evening Mmakoena,

Could you refer me when the time is right for job openings on the mine. I am a resident of Vaaloewer and would like to apply.

Thank you.  
Wayne van Heerden

Sent from my Samsung Galaxy smartphone.

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

**From:** Mmakoena <mmakoena@shango.co.za>  
**Date:** 2018/10/05 17:14 (GMT+02:00)  
**To:**  
**Cc:** zizo@shango.co.za, jochen@shango.co.za, stefanie@shango.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

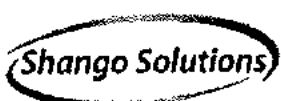
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**Regards,**

**Mmakoena Mmola**



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GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 8, 2018 1:09 PM  
**To:** 'Wayne Van Heerden'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Wayne,

Thank you for your correspondence and for showing interest in the proposed project.

According to legislation, the Environment Impact Assessment process takes approximately 300 days to complete.

Should the Mining Right and Integrated Environmental Authorisation applications be granted by the Department of Mineral Resources, Shango Solutions will not be involved in the appointment process for this project. However, you may forward your CV to the Applicant (Monte Cristo Commercial Park (Pty) Ltd) for their consideration once you have been notified of the outcome of this application.

If you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



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[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Wayne Van Heerden [mailto:wayne@aandw.co.za]  
**Sent:** Saturday, October 6, 2018 5:12 PM  
**To:** Mmakoena  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good evening Mmakoena,

Could you refer me when the time is right for job openings on the mine. I am a resident of Vaaloeuw and would like to apply.

Thank you.  
Wayne van Heerden

## Mmakoena

---

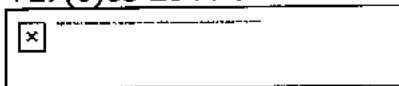
**From:** Johan Smit <johan@tsunamiresources.com>  
**Sent:** Saturday, October 6, 2018 9:19 PM  
**To:** mmakoena@shango.co.za  
**Subject:** Goosebay

Good day, Mmakoena,

I have been forwarded the I& AP notification for Goosebay on the Vaal.  
I am a hydrogeologist from Parys and would like to quote for the groundwater specialist study should it be required for the IWULA.

Kind regards,

Johan Smit (Pr.Sci.Nat)  
+27(0)83 2044 674



## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 8, 2018 4:02 PM  
**To:** 'Johan Smit'  
**Subject:** RE: Goosebay

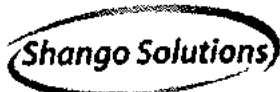
Good day Johan,

Thank you for your correspondence and for showing interest in the proposed project.

Kindly be advised that a groundwater specialist has already been appointed for this project. However, we will keep you in mind should other opportunities arise in future.

**Regards,**

**Mmakoena Mmola**



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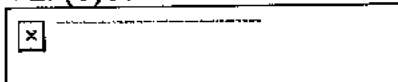
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**Sent:** Saturday, October 6, 2018 9:19 PM  
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Kind regards,

Johan Smit (Pr.Sci.Nat)  
+27(0)83 2044 674



## Mmakoena

---

**From:** John Geeringh <GeerinJH@eskom.co.za>  
**Sent:** Monday, October 8, 2018 9:04 AM  
**To:** Mmakoena  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Eskom requirements for work in or near Eskom servitudes mining exploration.doc

Please find attached general requirements for works at or near Eskom infrastructure. Please send me KMZ files of the affected properties and possible layouts.

Kind regards

John Geeringh (Pr Sci Nat)  
Senior Consultant Environmental Management  
Group Capital Division: Land Development and Management  
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.  
P O Box 1091, Johannesburg, 2000.  
Tel: 011 516 7233  
Cell: 083 632 7663  
Fax: 086 661 4064  
E-mail: [john.geeringh@eskom.co.za](mailto:john.geeringh@eskom.co.za)

We operate 30 power stations. Total nominal capacity of 45 561 MW. Eskom | Powering your world. www.eskom.co.za

**From:** Mmakoena [mailto:[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)]  
**Sent:** 05 October 2018 03:42 PM  
**Cc:** [zizo@shango.co.za](mailto:zizo@shango.co.za); [stefanie@shango.co.za](mailto:stefanie@shango.co.za); [jochen@shango.co.za](mailto:jochen@shango.co.za)  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

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If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

Regards,

**Mmakoena Mmola**



Eskom requirements for work in or near Eskom servitudes.

1. Eskom's rights and services must be acknowledged and respected at all times.
2. Eskom shall at all times retain unobstructed access to and egress from its servitudes.
3. Eskom's consent does not relieve the developer from obtaining the necessary statutory, land owner or municipal approvals.
4. Any cost incurred by Eskom as a result of non-compliance to any relevant environmental legislation will be charged to the developer.
5. If Eskom has to incur any expenditure in order to comply with statutory clearances or other regulations as a result of the developer's activities or because of the presence of his equipment or installation within the servitude restriction area, the developer shall pay such costs to Eskom on demand.
6. The use of explosives of any type within 500 metres of Eskom's services shall only occur with Eskom's previous written permission. If such permission is granted the developer must give at least fourteen working days prior notice of the commencement of blasting. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued in terms of the blasting process. It is advisable to make application separately in this regard.
7. Changes in ground level may not infringe statutory ground to conductor clearances or statutory visibility clearances. After any changes in ground level, the surface shall be rehabilitated and stabilised so as to prevent erosion. The measures taken shall be to Eskom's satisfaction.
8. Eskom shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the developer, his/her agent, contractors, employees, successors in title, and assignees. The developer indemnifies Eskom against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom's services or apparatus or otherwise. Eskom will not be held responsible for damage to the developer's equipment.
9. No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the developer must give at least seven working days' notice prior to the commencement of work. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued by the relevant Eskom Manager

Note: Where and electrical outage is required, at least fourteen work days are required to arrange it.

10. Eskom's rights and duties in the servitude shall be accepted as having prior right at all times and shall not be obstructed or interfered with.
11. Under no circumstances shall rubble, earth or other material be dumped within the servitude restriction area. The developer shall maintain the area concerned to Eskom's satisfaction. The developer shall be liable to Eskom for the cost of any remedial action which has to be carried out by Eskom.
12. The clearances between Eskom's live electrical equipment and the proposed construction work shall be observed as stipulated by *Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993)*.
13. Equipment shall be regarded electrically live and therefore dangerous at all times.
14. In spite of the restrictions stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), as an additional safety precaution, Eskom will not approve the erection of houses, or structures occupied or frequented by human beings, under the power lines or within the servitude restriction area.
15. Eskom may stipulate any additional requirements to highlight any possible exposure to Customers or Public to coming into contact or be exposed to any dangers of Eskom plant.
16. It is required of the developer to familiarise himself with all safety hazards related to Electrical plant.
17. Any third party servitudes encroaching on Eskom servitudes shall be registered against Eskom's title deed at the developer's own cost. If such a servitude is brought into being, its existence should be endorsed on the Eskom servitude deed concerned, while the third party's servitude deed must also include the rights of the affected Eskom servitude.

John Geeringh (Pr Sci Nat)

Senior Consultant Environmental Management  
Eskom GC: Land Development

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 8, 2018 1:18 PM  
**To:** 'John Geeringh'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Site Alternative 3.jpg; Site Alternative 1.jpeg; Site Alternative 2.jpg; Woodlands\_407.kmz

Good day,

Please find attached the KMZ file of the affected properties and plans showing the three possible layouts.

If you have further requests in this regard, please do not hesitate to contact me.

Kind regards,

**Mmakoena Mmola**



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**From:** John Geeringh [mailto:GeerinJH@eskom.co.za]  
**Sent:** Monday, October 8, 2018 9:04 AM  
**To:** Mmakoena  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Please find attached general requirements for works at or near Eskom infrastructure. Please send me KMZ files of the affected properties and possible layouts.

Kind regards

John Geeringh (Pr Sci Nat)  
Senior Consultant Environmental Management  
Group Capital Division: Land Development and Management  
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.  
P O Box 1091, Johannesburg, 2000.  
Tel: 011 516 7233  
Cell: 083 632 7663  
Fax: 086 661 4064  
E-mail: [john.geeringh@eskom.co.za](mailto:john.geeringh@eskom.co.za)

## Mmakoena

---

**From:** John Geeringh <GeerinJH@eskom.co.za>  
**Sent:** Monday, October 8, 2018 1:21 PM  
**To:** Mmakoena  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Thanks  
John

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 08 October 2018 01:18 PM  
**To:** John Geeringh  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

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**Regards,**

**Mmakoena Mmola**



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**From:** John Geeringh [mailto:GeerinJH@eskom.co.za]  
**Sent:** Monday, October 8, 2018 9:04 AM  
**To:** Mmakoena  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Please find attached general requirements for works at or near Eskom infrastructure. Please send me KMZ files of the affected properties and possible layouts.

Kind regards

John Geeringh (Pr Sci Nat)  
Senior Consultant Environmental Management  
Group Capital Division: Land Development and Management  
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.  
P O Box 1091, Johannesburg, 2000.

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Tuesday, October 9, 2018 7:09 AM  
**To:** 'Mmakoena'; paulkg@vodamail.co.za  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Chris Campbell'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

I refer your mail below.

Your client did not comply with the conditions of the first mining right that was granted to him.

Why should he now?

If you have any conscience in you, you will not represent a client that demonstrates this kind of respect to his neighbours?

Kind Regards

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloever Ratepayers Association  
One Tree many Fruits, in a Secure Environment



**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 08 October 2018 04:00 PM  
**To:** paulkg@vodamail.co.za  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Gavin Aboud'; 'Chris Campbell'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day Paul,

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, October 12, 2018 4:02 PM  
**To:** 'Gavin Aboud'; 'Mmakoena'; paulkg@vodamail.co.za  
**Cc:** 'Chris Campbell'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Gavin,

Thank you for your mail.

It is understood that the decision making authority (DMR) is aware of the historical performance of the Applicant and will consider this in their consideration of this application.

Your concerns regarding past performance will be included in the submission made to the DMR.

**Best regards,  
Zizo Siwendu.**



[t] +27 11 678 6504 [w] www.shango.co.za  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 09 October 2018 07:09 AM  
**To:** 'Mmakoena'; paulkg@vodamail.co.za  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Chris Campbell'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

I refer your mail below.

Your client did not comply with the conditions of the first mining right that was granted to him.

Why should he now?

If you have any conscience in you, you will not represent a client that demonstrates this kind of respect to his neighbours?

Kind Regards

Gavin Aboud

## Mmakoena

---

**From:** Martin Struwig <martin.vaaloewer@vodamail.co.za>  
**Sent:** Tuesday, October 9, 2018 7:51 AM  
**To:** 'Mmakoena'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Hi,

Is it possible to send the registration form in a format where we can just type into relevant spaces instead of writing by hand?

Regards

**Martin Struwig**  
**[martin.vaaloewer@vodamail.co.za](mailto:martin.vaaloewer@vodamail.co.za)**  
**083 457 1430**  
**086 457 3397 Fax**

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, 08 October 2018 12:38  
**To:** 'Martin Struwig' <martin.vaaloewer@vodamail.co.za>  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good morning Martin,

Please find attached the 30 year mine plan for the proposed project indicating the areas proposed to be mined.

If you have any further questions or requests, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Martin Struwig [<mailto:martin.vaaloewer@vodamail.co.za>]  
**Sent:** Friday, October 5, 2018 5:15 PM  
**To:** 'Mmakoena'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 15, 2018 8:37 AM  
**To:** 'Martin Struwig'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** English Registration Form.docx; Afrikaans Registration Form.docx

Good morning Martin,

My apologies for the late response.

I was out of the office from Tuesday to Friday last week.

As requested, please find attached Word Doc formats of the registration forms.

If you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Martin Struwig [mailto:martin.vaaloewer@vodamail.co.za]  
**Sent:** Tuesday, October 9, 2018 7:51 AM  
**To:** 'Mmakoena'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Hi,

Is it possible to send the registration form in a format where we can just type into relevant spaces instead of writing by hand?

Regards

**Martin Struwig**  
**[martin.vaaloewer@vodamail.co.za](mailto:martin.vaaloewer@vodamail.co.za)**  
**083 457 1430**  
**086 457 3397 Fax**



## Mmakoena

---

**From:** Sampie van Rooyen <svr@envmgp.com>  
**Sent:** Tuesday, October 9, 2018 8:32 AM  
**To:** mmakoena@shango.co.za  
**Cc:** Pa; Gavin Aboud  
**Subject:** Fw: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Pure Source Mine\_I&AP\_Initial Notification.pdf

Good morning Mmakoena,

I see that the Draft Scoping report is not yet loaded onto your website.

Please advise when it will be available for public review?

Thanks,  
Sampie



### S.E. VAN ROOYEN

Director Managing & Environmental Assessment Practitioner & Ecologist  
(MSc. Cond. Sc. Nat. 116684; IMA Reg. No. 5931)

### ENVIRONMENTAL MANAGEMENT GROUP

*Specialists in Environmental Management  
Integrating Industry and Infrastructure with the Environment*

**Tel:** +27 51 412 6350  
+27 83 678 3032  
**Fax:** +27 51 412 6351  
**Email:** svr@envmgp.com  
**Postal Address:**  
P.O. Box 37473,  
Langenhoven Park 9130

**From:** Salmon van Rooyen  
**Sent:** Monday, October 8, 2018 9:51 PM  
**To:** Sampie van Rooyen  
**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Moet ons nog iets doen?

Regards

Salmon van Rooyen  
Director Monswario Group

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 05 October 2018 15:42  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 15, 2018 8:41 AM  
**To:** 'Sampie van Rooyen'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good morning Sampie,

My apologies for the late response.

I was out of the office from Tuesday to Friday last week.

I'm assuming you have already seen that the Draft Scoping Report has been uploaded onto the website for public review?

May you have a lovely day further.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Sampie van Rooyen [mailto:svr@envmgrp.com]  
**Sent:** Tuesday, October 9, 2018 8:32 AM  
**To:** mmakoena@shango.co.za  
**Cc:** Pa; Gavin About  
**Subject:** Fw: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good morning Mmakoena,

I see that the Draft Scoping report is not yet loaded onto your website.

Please advise when it will be available for public review?

Thanks,  
Sampie

## Mmakoena

---

**From:** Marianne Bilsland <marianne@fixeng.co.za>  
**Sent:** Tuesday, October 9, 2018 11:08 AM  
**To:** Mmakoena  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day

Kindly forward the relevant "Interested and Affected party Registration Form" in a format in order for it to be completed on my PC

Thank you.

Marianne Bilsland

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, 05 October 2018 4:43 PM  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith notification (provided in English, Afrikaans and Sesotho) regarding a Mining Right application as well as the availability of the draft Scoping Report and details of the Open Day.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 15, 2018 8:44 AM  
**To:** 'Marianne Bilsland'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** English Registration Form.docx; Afrikaans Registration Form.docx

Dear Marianne,

My apologies for the late response.

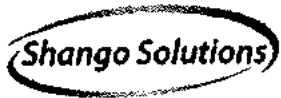
I was out of the office from Tuesday to Friday last week.

As requested, please find attached the Word Doc formats of the registration forms.

If you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Marianne Bilsland [mailto:marianne@fixeng.co.za]  
**Sent:** Tuesday, October 9, 2018 11:08 AM  
**To:** Mmakoena  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day

Kindly forward the relevant "Interested and Affected party Registration Form" in a format in order for it to be completed on my PC

Thank you.

Marianne Bilsland

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, 05 October 2018 4:43 PM  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, October 9, 2018 12:47 PM  
**To:** 'Mmakoena'  
**Subject:** FW:  
**Attachments:** doc00515120181009082356.pdf

-----Original Message-----

**From:** Graham Rogers [mailto:graham@edsprojects.co.za]  
**Sent:** Tuesday, October 9, 2018 10:17 AM  
**To:** info@shango.co.za  
**Subject:** FW:

Kindly register me as an I&AP.

Regards  
Graham Rogers

**INTERESTED AND AFFECTED PARTY REGISTRATION FORM**



**PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION**

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                                    |                |   |
|--|------------------------------------|----------------|---|
| Name                                   | G. ROOPE                           | EAP            | Shango Solutions                          |
| Address                                | REM O OF DEPONT 228                | Contact person | Ms Zizo Siwendu                           |
|  |                                    | Address        | P.O Box 2591                              |
|  |                                    |                | Cresta                                    |
|  |                                    |                | 2118                                      |
| Landowner/Lawful occupier/Organisation | Sweet Sensations Vool Sand Pty LTD | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 071 640 6388                       | Tel no.        | 011 678 6504                              |
| Email                                  | graham@edp-projects.co.za          | Email          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

Sweet Sensations Vool Sand Pty Ltd  
REM O OF FARM DEPONT 228

Please state your interest in the proposed project (you are welcome to add additional pages if required):

INTERESTED IN PROJECT,

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

|   |     |
|---|-----|
| Are you a land owner or legal land occupier within the application area?  | YES |
| Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.   | YES |
| Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.   | No  |
| Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.   | No  |
| Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)? | /   |

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

No

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

No

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

No

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

No

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

No

General Comments:

[Empty box for general comments]

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed De Dav Name C. Rouss Date 9-10-2018

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 15, 2018 8:48 AM  
**To:** 'graham@edsprojects.co.za'  
**Cc:** 'Zizo Siwendu'  
**Subject:** RE:

Dear Graham,

Thank you for showing interest in the proposed Pure Source Mine project.

As requested, you have been registered as an Interested and Affected Party and will be kept up to date on any developments regarding this project.

If you have any further questions in this regard, please do not hesitate to contact me.

Regards,  
Mmakoena Mmola

[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za) [f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

-----Original Message-----

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** Tuesday, October 9, 2018 12:47 PM  
**To:** 'Mmakoena'  
**Subject:** FW:

-----Original Message-----

**From:** Graham Rogers [mailto:]  
**Sent:** Tuesday, October 9, 2018 10:17 AM  
**To:** info@shango.co.za  
**Subject:** FW:

Kindly register me as an I&AP.

Regards  
Graham Rogers



## Mmakoena

---

**From:** Martin Struwig <martin@vaaloewer.co.za>  
**Sent:** Tuesday, October 9, 2018 3:12 PM  
**To:** 'Zizo Siwendu'; 'Mmakoena'  
**Cc:** 'Gavin Aboud'  
**Subject:** INTERESTED AND AFFECTED PARTY REGISTRATION FORM - PURE SOURCE MINE (FS 30/5/1/2/2/10048 MR)  
**Attachments:** IMG-20180712-WA0012.jpg; VVA picnic & fishing 20180921\_202048.jpg; IMG-20180504-WA0007.jpg; IMG-20180922-WA0050.jpg; IMG-20180922-WA0052.jpg; IMG-20180922-WA0057.jpg; Scan\_20181009\_145340.pdf  
**Importance:** High

ZIZO,

Please find this email as my registration as an affected, concerned & objector party to the mining application to include sand, gravel and diamond mining.

I write this as a normal person with no or very little knowledge relating to mining and the working of applications, objections, laws etc. relating to it. The problem as an individual is that although there are laws governing and prescribing how Mining Companies may operate and also protecting the public, it is just too complicated for the general public or person on the street to understand all these complicated issues and how to deal with it.

I reside as the landowner on portion 80 Zeekoefontein on the river which is just directly opposite Woodlands farm portions and next to Vaaloewer (see some pic's for info). I have been living in Vaaloewer area since 1980 and selling property here since 1990.

Due to the current political & economic climate and pollution of the Vaal River due to untreated sewerage discharged by Municipalities, it has already impacted negatively on property sales, tourism in the area, job losses etc. and with extensive mining in the area it will just make things worse. The only people to gain from mining will be government in form of taxes, the few parties involved, very few jobs and specialised people who will come from main towns/ cities anyway. So very little of the income derived from the mining of sand and diamonds will be spent locally.

I am situated directly across the river from the planned mining area and due to the landscape we could hear and see the movement of heavy equipment from the previous sand mining activities which never operated according to set hours as one could hear them until very late at night and starting in the very early morning hours (I do not see any planned working hours indicated on your documents). There were also the use of either diesel generators or pumps that could be heard all day and night which was a disturbance in our tranquil environment.

Vaaloewer including Goose Bay Canyon township and the Zeekoefontein farm portions represent a total market value of ±R456 679 000-00 representing well over 1000 properties on which owners are paying rates and taxes to Emfuleni Municipal Council. This does not include the values for Lindequesdrift, surrounding Woodlands and Vaal Eden properties. Large scale mining in the area will have a negative impact on property values, noise & air pollution, further future development and also impact on job creation and tourism in the area.

These properties are used for permanent, retirement, leisure living and also investment purposes and owners purchase here to be in an unpolluted, non-industrial, tranquil peace and quiet area as most come from cities and want to get away of the hustle and bustle.

The mining can also have an effect on the pollution of the river and as Vaaloewer extract their water from the river to purify for household consumption, this is a major concern.

In Vaaloewer we have the "Vaaloewer Voluntary Association" which allows access to all property owners/ residents to the riverfront area for fishing, picnic etc. (of which I am also a member).

We also have Goose Bay Canyon Recreation and Power Boat Club representing 210 boat members (of which I am a member) that use the damned up river area for boating, skiing, fishing etc. The club operates a "River Fund" funded by its members at an annual cost of R150 000 plus to keep the river clean. The river barge with two workers on a daily basis keep the river clear from fallen trees, floating logs, hyacinth, plastic & other rubbish that gets washed down river to create a safe boating environment for the users of the river. As the Free State bank is part of the current game farm, 90% of cleaning is done on that side due to no one there attending to it.

The boat club also operate a Share Block Company with weekend housing units for their owners and boat storage which is currently insured for replacement cost of well over R36 million rand.

All clubs and associations in the area are dependent on their members for payment of annual subs to maintain the facilities for its members. Non-use will mean no payment of annual fees which will affect jobs and upkeep of facilities.

Although the area is mainly an agricultural area and therefor there are noise factors such as tractors and farming equipment cannot be compared to the type of mining equipment including large tipper trucks, excavators, crushers or other diamond related machinery will make more noise than that of normal farming in the area.

With the previous application of the applicant during November 2017 this was withdrawn due to various reasons including a very important point such as *"unprecedented number of objections from I & AP's due to the sensitivity of the mining footprint"*

In your own document you have listed 22 preliminary potential impacts vs only 6 preliminary positive implications not even to mention impact on nature, bird and animal life.

I cannot see how one could rehabilitate an area 100% where the intended plan is to cut into the ground up to 12 meters (that is as high as a three or four storey building) and remove sand and stone to be sold. Where will soil come from to close these excavations.

Then to state as a closing objective "Is to develop the area into an eco-estate with residential and hospitality facilities on the banks of the Vaal River" does not make sense as this was the original intention of the applicant. It could only mean that after 30 years this will never happen as after the area has been mined out and mining scars left like in the surrounding area where previous mining was never rehabilitated due to mining operations going bankrupt and the land just left or abandoned. Due to this the whole surrounding areas will also just become desolate as no one would want to live near or look onto a landscape which has been scarred for life.

To state that mining is just an "interim land use" is untrue as 30 years is already a life time and that it will be conducted in a "sensitive manner" that will not have negative impact on the game. No man made operations could ever rehabilitate an area to original nature state. In this statement it does not mention the negative impact on the surrounding land and people living there but rather refer to impact on game.

Regards

**Martin Struwig**

**AJS BELEGGINGS/ INVESTMENTS TRUST REG NO. K150/1989D**

**Vaaloewer – Professional Practitioner In Real Estate Since 1990**

**208 GENL. HERTZOG STREET, EXHIBITION 2000 BUILDING, PO BOX 979 VANDERBIJLPARK, 1900**

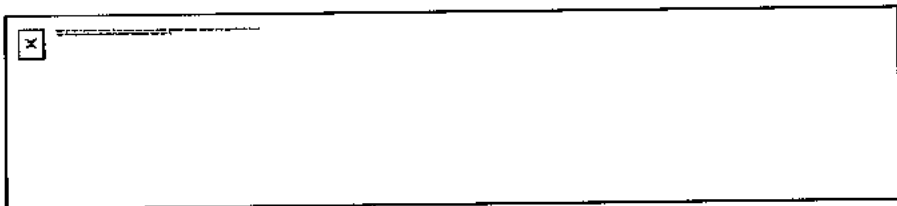
SITE: 12 RIVER AVENUE VAALOEWER

[martin@vaaloewer.co.za](mailto:martin@vaaloewer.co.za)

[martin.vaaloewer@vodamail.co.za](mailto:martin.vaaloewer@vodamail.co.za)

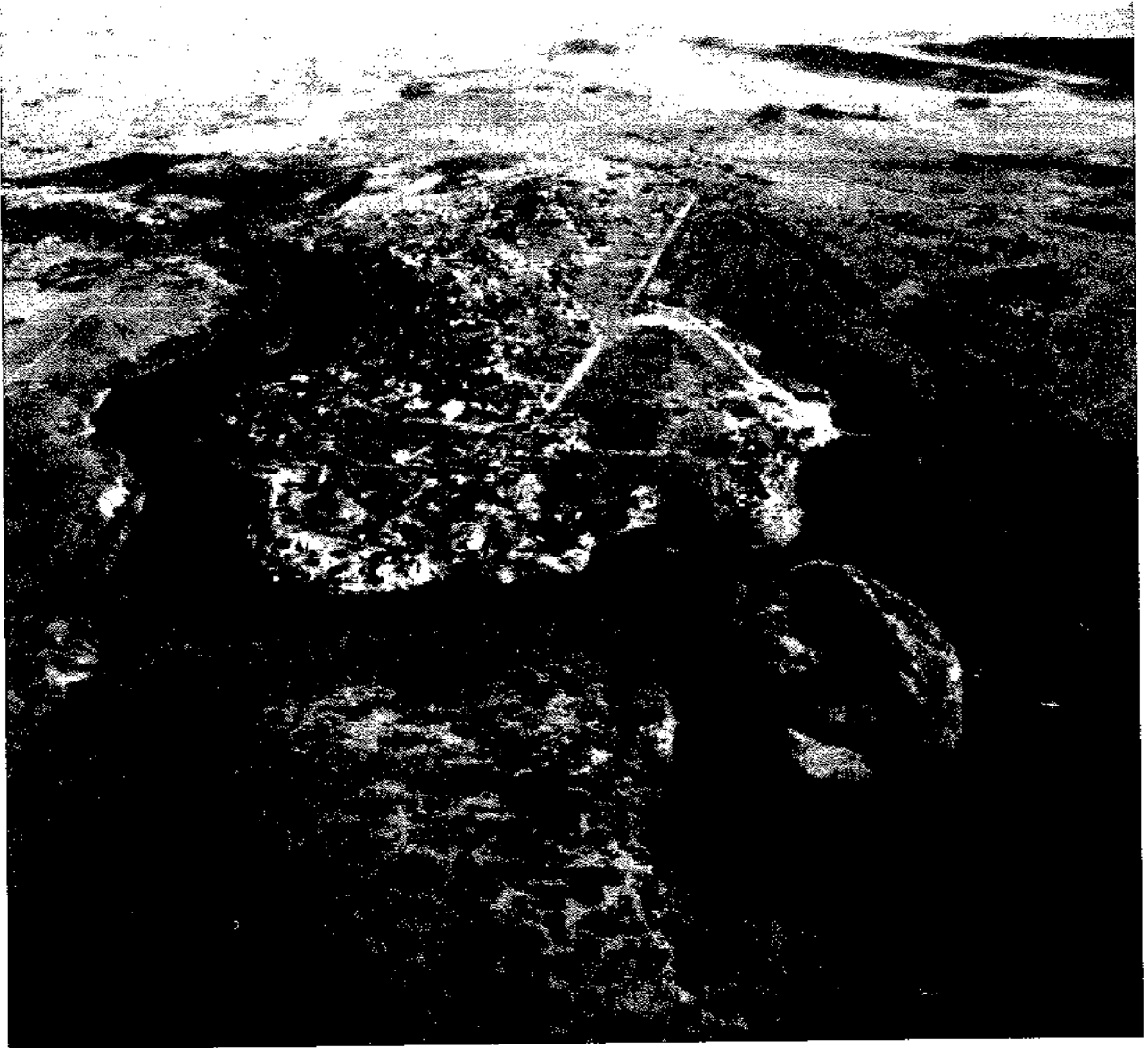
**083 457 1430**

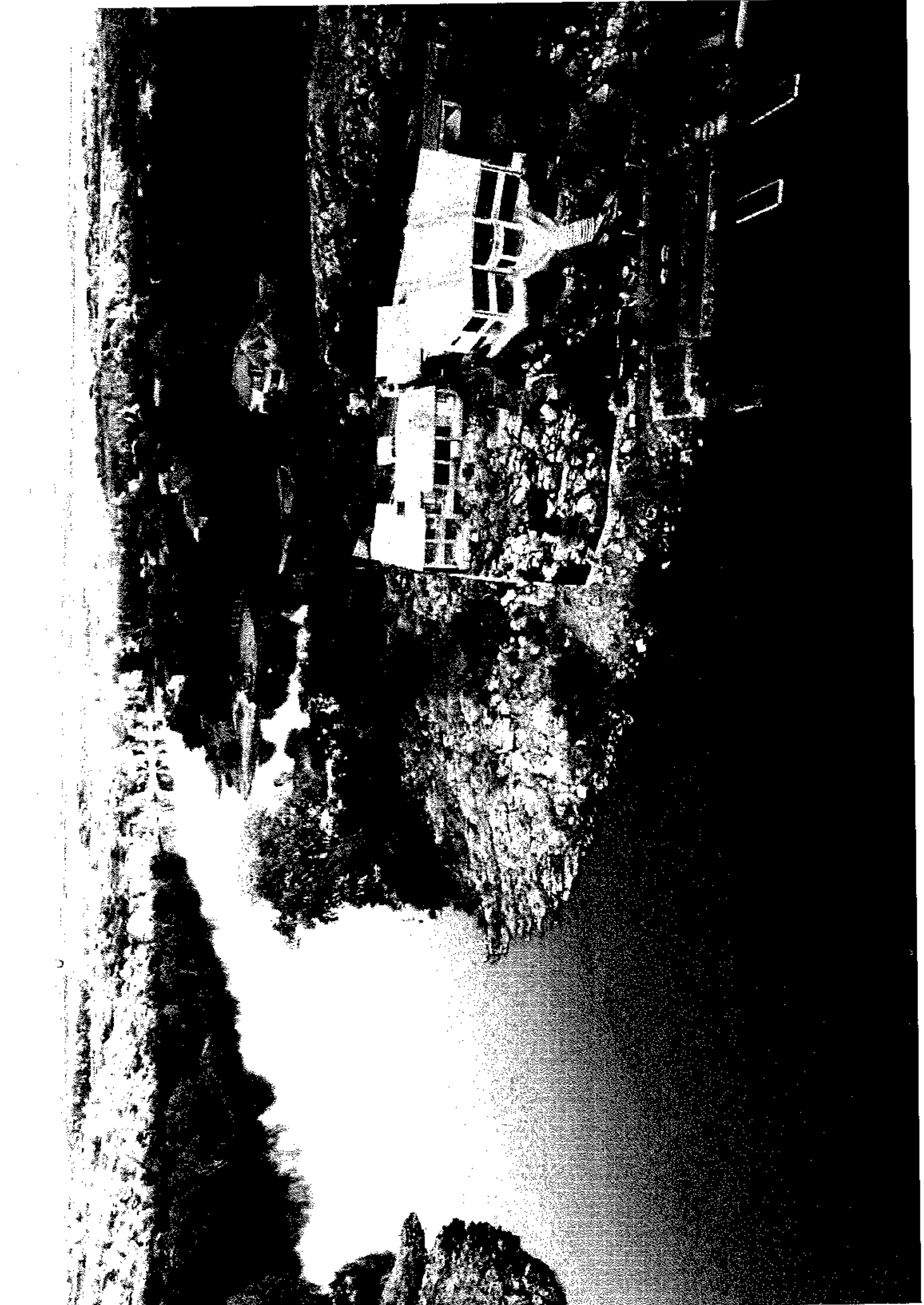
**086 716 3928 Fax**





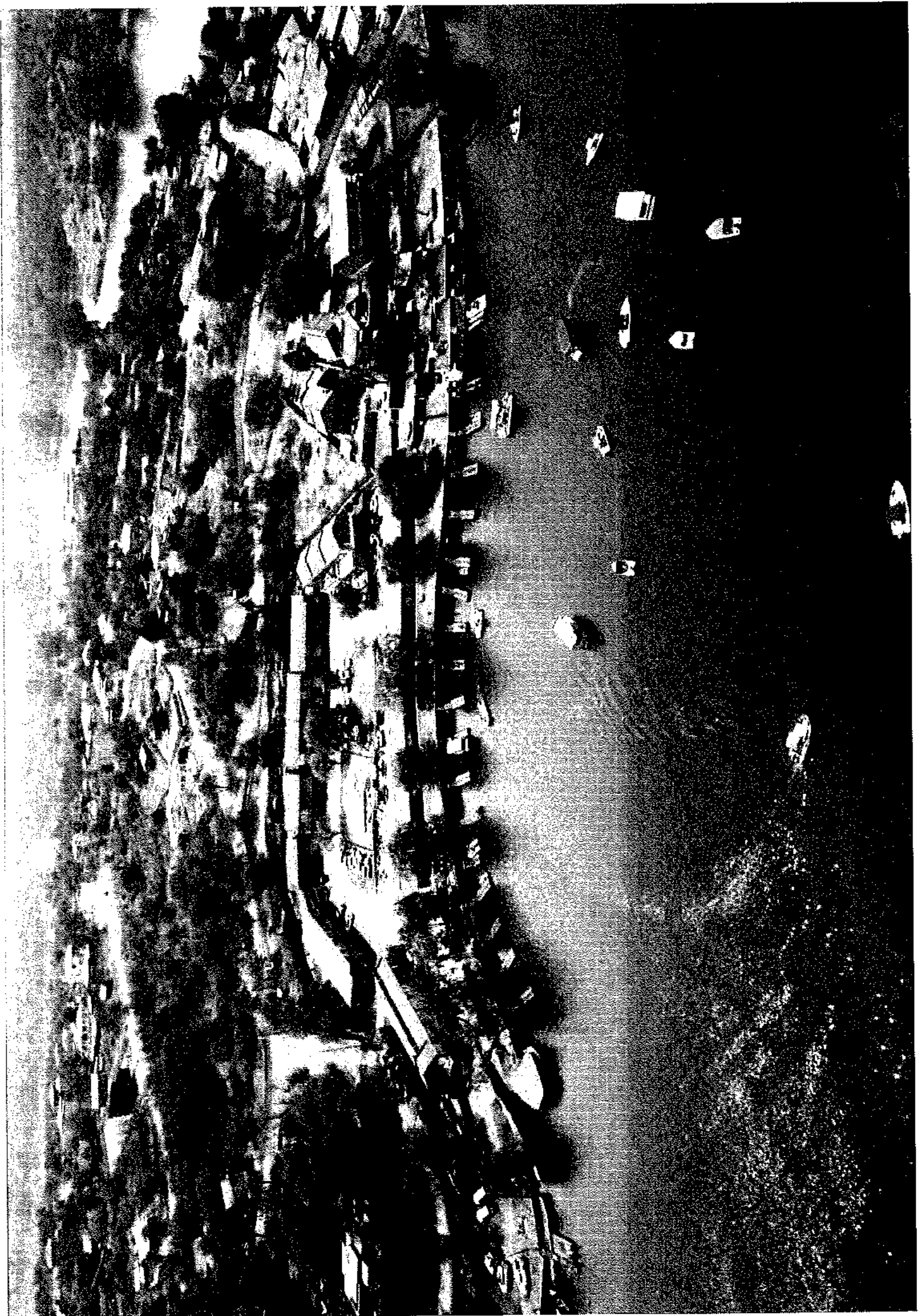


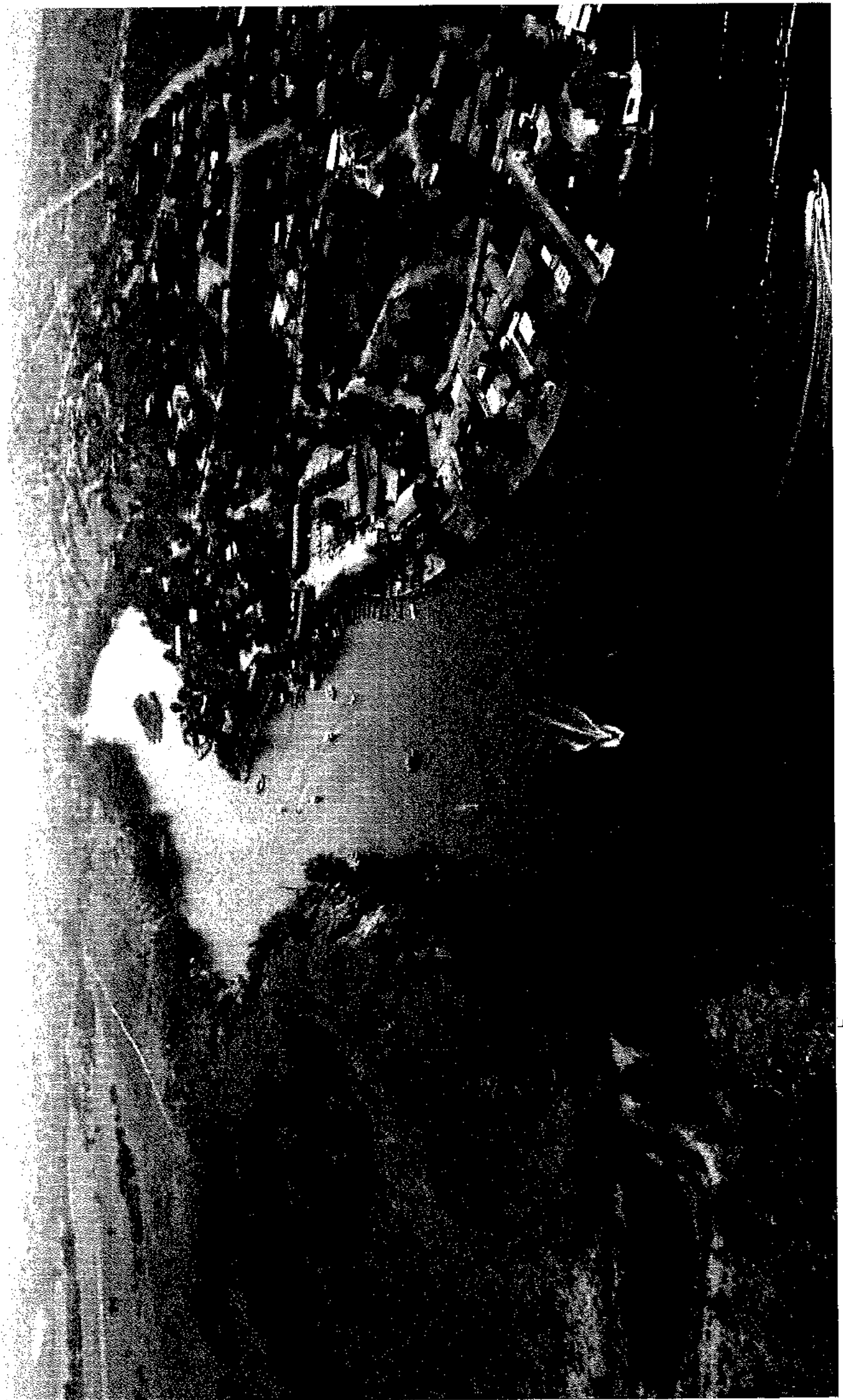












## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 9, 2018 9:29 AM  
**To:** 'martin@vaaloewer.co.za'  
**Cc:** mark@vldc.co.za; michael@vldc.co.za; mader@skets.co.za; info@vldc.co.za; zizo@shango.co.za; stefanie@shango.co.za  
**Subject:** RE: INTERESTED AND AFFECTED PARTY REGISTRATION FORM - PURE SOURCE MINE (FS 30/5/1/2/2/10048 MR)

Dear Martin,

Please see our responses in red.

Please find this email as my registration as an affected, concerned & objector party to the mining application to include sand, gravel and diamond mining.

Thank you for the signed registration form. Your registration as an affected, concerned party and an objector to the proposed project is duly noted.

I write this as a normal person with no or very little knowledge relating to mining and the working of applications, objections, laws etc. relating to it. The problem as an individual is that although there are laws governing and prescribing how Mining Companies may operate and also protecting the public, it is just to complicate for the general public or person on the street to understand all these complicated issues and how to deal with it. According to Section 22 (1) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) (MPRDA), any person who wishes to apply for a Mining Right must simultaneously apply for an Environmental Authorisation. An application for Environmental Authorisation is lodged according to the requirements stipulated in the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA). Mining is a Listing 2 activity and as such triggers an application for Environmental Authorisation. Listing 2 activities are subject to full scoping and environmental impact reporting. The Environmental Assessment Practitioner (EAP) is required to prepare a scoping report in accordance with Regulation 21 of the Environmental Impact Assessment (EIA) 2014 Regulations.

The Scoping Report must include, but is not limited to, the following:

- 1) a description of the activity, any feasible and reasonable alternatives, the need and desirability of the activity, the property on which the activity will take place and the environment that may be affected
- 2) a description of environmental issues, potential impacts and cumulative impacts
- 3) details of the public participation procedure and responses to representations, comments and views
- 4) a plan of study for an EIA

The Competent Authority must within 43 days of receiving the Final Scoping Report, accept or reject the report, and instruct the EAP to proceed with the EIA phase. The EIA phase considers: (1) the compilation of an Environmental Impact Report (EIR) and (2) the development of an Environmental Management Programme (EMPR,) in accordance with Regulation 23 of the NEMA 2014 EIA Regulations. In addition to the information in the Scoping Report, the EIA must also set out the methodology used in assessing the impact, detailed reporting on the manner in which the physical, biological, social, economic and cultural aspects of the environment may be affected, an assessment of each identified potential significant impact amongst other information.

Upon submission of the Final EIR and EMPR, the Competent Authority must within 107 days of receipt of the EIR and EMPR, in writing – (i) grant Environmental Authorisation in respect of all or part of the activity applied for; or (ii) refuse Environmental Authorisation.

Should the applications for an Environmental Authorisation and Mining Right be granted and you wish to appeal the decision, then you as an appellant must submit the appeal (the Appeal Questionnaire and Appeal and Response Form) to the appeal administrator. The Applicant must notify known interested and affected parties through the EAP, of the outcome of the application as well as their right to appeal the decision, within twenty (20) days from:

1. the date that the decision for an application for an Environmental Authorisation was sent to the registered interested and affected parties, or
2. the date that the decision was sent to the Applicant

Figure 1 reflects the anticipated scope and time related to carrying out a full Scoping and EIA process in accordance with the NEMA 2014 EIA Regulations (as amended).

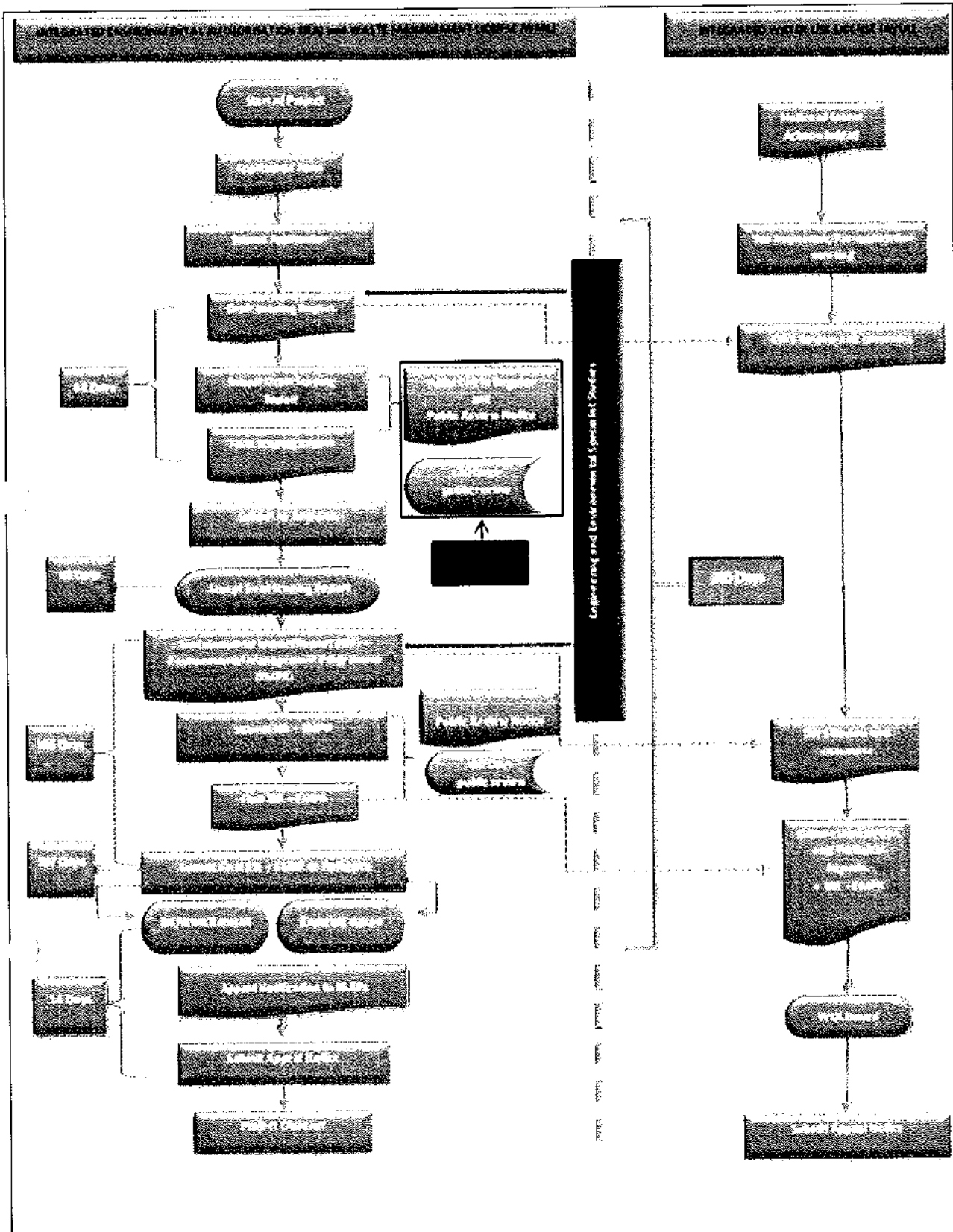


Figure 1: Integrated EIA and integrated WUL process.

I reside as the landowner on portion 80 Zeekoefontein on the river which is just directly opposite Woodlands farm portions and next to Vaaloewer (see some pic's for info). I have been living in Vaaloewer area since 1980 and selling property here since 1990.

Noted.

Due to the current political & economic climate and pollution of the Vaal River due to untreated sewerage discharged by Municipalities, it has already impacted negatively on property sales, tourism in the area, job losses etc. and with extensive mining in the area it will just make things worse. The only people to gain from mining will be government in form of taxes, the few parties involved, very few jobs and specialised people who will come from main towns/ cities anyway. So very little of the income derived from the mining of sand and diamonds will be spent locally. Your view in this regard is noted.

I am situated directly across the river from the planned mining area and due to the landscape we could hear and see the movement of heavy equipment from the previous sand mining activities which never operated according to set hours as one could hear them until very late at night and starting in the very early morning hours (I do not see any planned working hours indicated on your documents). There were also the use of either diesel generators or pumps that could be heard all day and night which was a disturbance in our tranquil environment.

In the Draft Scoping Report supporting the proposed Mining Right application (Page 14), the planned working hours are indicated as follows:

- For mining activities, a 5.5 day work week with a 2 shift system is proposed. Operating hours would be from 06:00 to 18:00. For diamond sorting, a 6 day work week with a 2 shift system, operating 24 hours a day. However, the 24 hour shift for diamond sorting will be reconsidered during the Environmental Impact Assessment (EIA) phase.

Vaaloever including Goose Bay Canyon township and the Zeekoefontein farm portions represent a total market value of ±R456 679 000-00 representing well over 1000 properties on which owners are paying rates and taxes to Emfuleni Municipal Council. This does not include the values for Lindequesdrift, surrounding Woodlands and Vaal Eden properties. Large scale mining in the area will have a negative impact on property values, noise & air pollution, further future development and also impact on job creation and tourism in the area. These properties are used for permanent, retirement, leisure living and also investment purposes and owners purchase here to be in an unpolluted, non-industrial, tranquil peace and quiet area as most come from cities and want to get away of the hustle and bustle. Specialist studies have been undertaken in support of this application to assess the anticipated impacts. These studies include, but are not limited to, the following:

- **Property values:**  
In order to assess the potential impacts on existing property values, the property context surrounding the site was first considered by the economic specialist. Secondly, the results of the other specialist studies were scrutinised for information on impacts that could lead to welfare changes reflected in property value effects. The key potential sources of negative impacts on property values are visual, air quality, noise and biodiversity impacts. The Economic Impact Assessment states that property values in any given area are significantly driven by demand for housing, which in turn, is directly linked to economic opportunities and jobs in the area. The project therefore has the potential to increase demand and associated values for housing and property. The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, noise, water quality and social measures) and enhance positive impacts would reduce impacts on property values.
- **Noise and air pollution:**  
According to the noise baseline assessment for this project (Appendix F9 of the draft Scoping Report), noise impacts are expected to be slightly more notable to the south of the project activities. Furthermore, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. Mitigation measures were recommended to reduce noise impacts.

The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality as well as noise impacts. Additional mitigation measures have been proposed and these are included in the relevant specialist reports.

- **Job creation:**

According to the Social Impact Assessment, it is understood that the proposed project will promote employment creation within the local area.

- **Tourism:**

According to the Economic Impact Assessment, visual, air quality, noise and water quality impacts combined with the loss of biodiversity are likely to be the key concerns for tourism. Sources of positive impacts would stem from increased potential for business-related visitors. The measures recommended in other specialist studies to minimise negative impacts (primarily visual, air quality, noise, water quality, biodiversity, rehabilitation and social measures) and enhance positive impacts would also reduce impacts on tourism. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks.

Kindly note that the preliminary desktop studies were conducted on a scoping level and that the above mentioned impacts will be assessed in more details in the EIA phase. In addition, mitigation measures will be proposed in the Environmental Management Programme Report (legal binding document) to minimise impacts.

The mining can also have an effect on the pollution of the river and as Vaaloewer extract their water from the river to purify for household consumption, this is a major concern.

Noted. It is understood that no hazardous chemicals will be utilised during extraction and processing of the minerals. Based on the Hydrology desktop assessment (Appendix F3 of the draft Scoping Report), it is anticipated that contamination of surface water resources may occur due to fuelling and use of machines and vehicles as well as erosion of the cleared footprint areas. A detailed Surface Water Assessment will be undertaken for the EIA phase of the proposed project and mitigation measures will be recommended to minimise this impact.

In Vaaloewer we have the "Vaaloewer Voluntary Association" which allows access to all property owners/ residents to the riverfront area for fishing, picnic etc. (of which I am also a member). We also have Goose Bay Canyon Recreation and Power Boat Club representing 210 boat members (of which I am a member) that use the dammed up river area for boating, skiing, fishing etc. The club operates a "River Fund" funded by its members at an annual cost of R150 000 plus to keep the river clean. The river barge with two workers on a daily basis keep the river clear from fallen trees, floating logs, hyacinth, plastic & other rubbish that gets washed down river to create a safe boating environment for the users of the river. As the Free State bank is part of the current game farm, 90% of cleaning is done on that side due to no one there attending to it. The boat club also operate a Share Block Company with weekend housing units for their owners and boat storage which is currently insured for replacement cost of well over R36 million rand. All clubs and associations in the area are dependent on their members for payment of annual subs to maintain the facilities for its members. Non-club will mean no payment of annual fees which will affect jobs and upkeep of facilities.

Noted. At this stage, it has not been confirmed or determined that the mining activities will stop the public from making use of the boating facilities. There are two mining operations taking place in close proximity to the proposed application area and the boating activities still continue.

Although the area is mainly an agricultural area and therefore there are noise factors such as tractors and farming equipment cannot be compared to the type of mining equipment including large tipper trucks, excavators, crushers or other diamond related machinery will make more noise than that of normal farming in the area. Refer to point on noise and air pollution above.

With the previous application of the applicant during November 2017 this was withdrawn due to various reasons including a very important point such as "unprecedented number of objections from I & AP's due to the sensitivity of the mining footprint" In your own document you have listed 22 preliminary potential impacts vs only 6 preliminary positive implications not even to mention impact on nature, bird and animal life. I cannot see how one could rehabilitate an area 100% where the intended plan is to cut into the ground up to 12 meters (that is as high as a three or four storey building) and remove sand and stone to be sold. Where will soil come from to close these excavations. Then to state as a closing objective "Is to develop the area into an eco-estate with residential and hospitality facilities on the



banks of the Vaal River" does not make sense as this was the original intention of the applicant. It could only mean that after 30 years this will never happen as after the area has been mined out and mining scars left like in the surrounding area where previous mining was never rehabilitated due to mining operations going bankrupt and the land just left or abandoned. Due to this the whole surrounding areas will also just become desolate as no one would want to live near or look onto a landscape which has been scarred for life. To state that mining is just an "interim land use" is untrue as 30 years is already a life time and that it will be conducted in a "sensitive manner" that will not have negative impact on the game. No man made operations could ever rehabilitate an area to original nature state. In this statement it does not mention the negative impact on the surrounding land and people living there but rather refer to impact on game Rehabilitation, from the mining industry perspective, means the disturbed areas will adhere to a pre-determined plan or fulfill a function that is sustainable and usable. It recognises that extraction of a resource will occur and that the original topography will be altered. The basic requirements for rehabilitation is to construct a stable, safe and functioning environment post mining. This can be achieved through various methods but in this case the end land use will be an eco and wildlife estate. The intention is not to restore the original topography, but to sculpt the mined areas to facilitate various ecological habitats. This may include dams and wetlands in the depressions that will be beneficial within the estate's vision. It is also worth mentioning that the current farm is managed as a game farm and that the eco and wildlife estate has been approved a while ago. Mining is seen as an interim land use and will be done sensitively as to not impact on the existing game.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

**From:** Martin Struwig [mailto:martin@vaaloewer.co.za]

**Sent:** Tuesday, October 9, 2018 3:12 PM

**To:** 'Zizo Siwendu'; 'Mmakoena'

**Cc:** 'Gavin Aboud'

**Subject:** INTERESTED AND AFFECTED PARTY REGISTRATION FORM - PURE SOURCE MINE (FS 30/5/1/2/2/10048 MR)

**Importance:** High

,

Please find this email as my registration as an affected, concerned & objector party to the mining application to include sand, gravel and diamond mining.

I write this as a normal person with no or very little knowledge relating to mining and the working of applications, objections, laws etc. relating to it. The problem as an individual is that although there are laws governing and prescribing how Mining Companies may operate and also protecting the public, it is just to complicate for the general public or person on the street to understand all these complicated issues and how to deal with it.

I reside as the landowner on portion 80 Zeekoefontein on the river which is just directly opposite Woodlands farm portions and next to Vaaloewer (see some pic's for info). I have been living in Vaaloewer area since 1980 and selling property here since 1990.

Due to the current political & economic climate and pollution of the Vaal River due to untreated sewerage discharged by Municipalities, it has already impacted negatively on property sales, tourism in the area, job losses etc. and with extensive mining in the area it will just make things worse. The only people to gain from mining will be government in



## Mmakoena

---

**From:** Johan Smit <johan@tsunamiresources.com>  
**Sent:** Tuesday, October 9, 2018 3:47 PM  
**To:** mmakoena@shango.co.za  
**Subject:** Re: Goosebay  
**Attachments:** image001.png

Thanks for the reply, Mmakoena

Yes I would love to quote on any groundwater impact assessment.  
Looking forward to hearing from you.

Kind regards,

Johan Smit (Pr.Sci.Nat)  
+27(0)83 2044 674



On Mon, Oct 8, 2018 at 4:02 PM Mmakoena <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

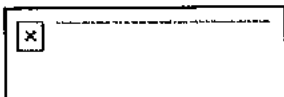
Good day Johan,

Thank you for your correspondence and for showing interest in the proposed project.

You will be advised that a groundwater specialist has already been appointed for this project. However, we will keep you in mind should other opportunities arise in future.

**Regards;**

**Mmakoena Mmola**



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GPS Co-ordinates: -26.151388 27.962913

**From:** Johan Smit [mailto:[johan@tsunamiresources.com](mailto:johan@tsunamiresources.com)]  
**Sent:** Saturday, October 6, 2018 9:19 PM

## Mmakoena

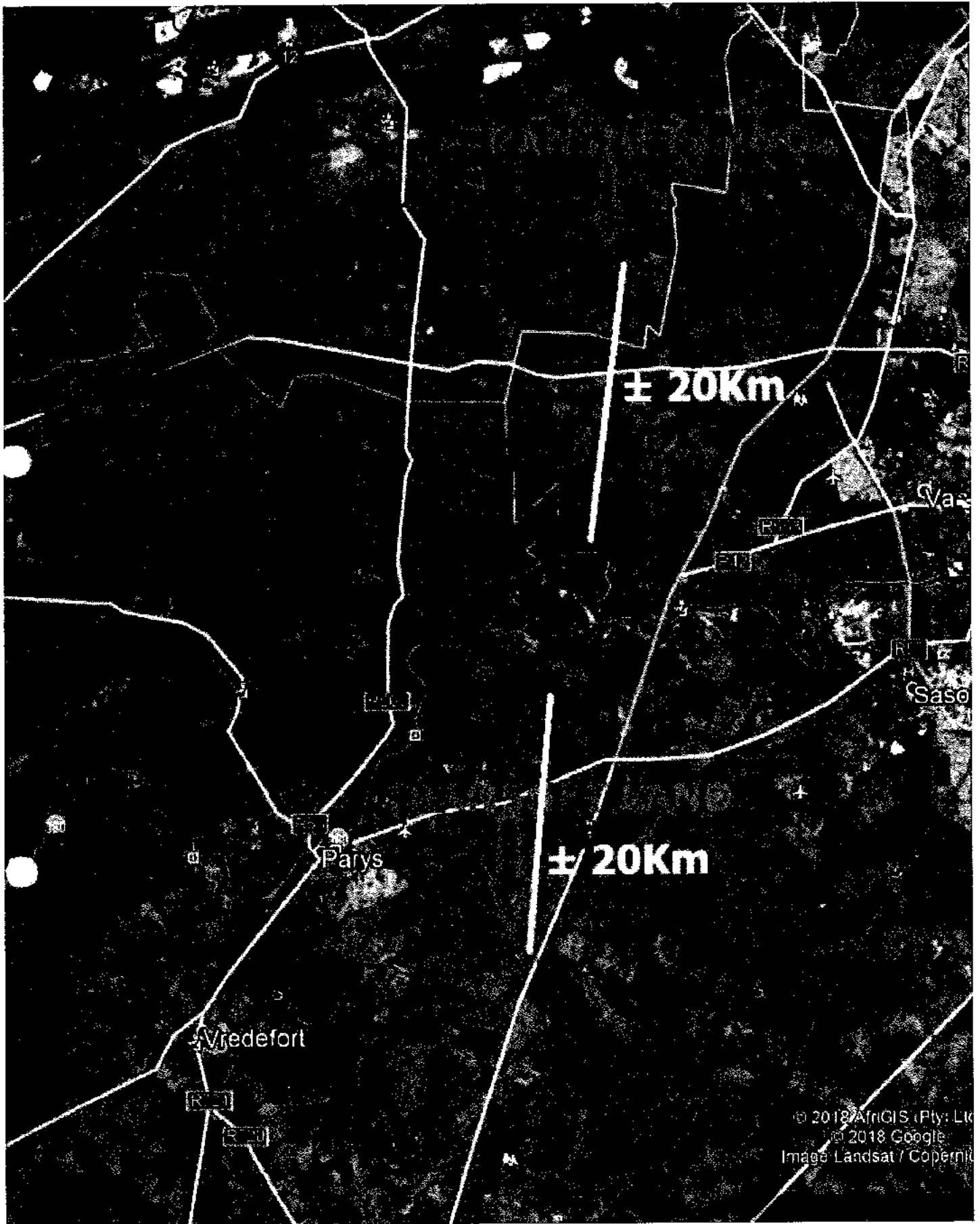
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**From:** Zanoxolo Pama Transnet Property BLM <Zanoxolo.Pama@transnet.net>  
**Sent:** Tuesday, October 9, 2018 3:53 PM  
**To:** Norman Papenfus Transnet Freight Rail BLM; Ntombizonke Mbembe Transnet Freight Rail BLM  
**Cc:** Andre Bodenstein \*Transnet Property BLM; Wentzel Radcliffe \*Transnet Property BLM; Mmakoena  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Pure Source Mine\_I&AP\_Initial Notification.pdf

Good day Colleagues

Our Ref: LS.BFX.25\_1\_33

Please be informed that this application will not impact Transnet as the area of interest lies approximately 20 km from Transnet Land. See below;



*Best Wishes*

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 15, 2018 9:01 AM  
**To:** 'Zanoxolo Pama Transnet Property BLM'  
**Cc:** zizo@shango.co.za; mark@vlde.co.za; info@vlde.co.za; michael@vlde.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good morning,

Thank you for your mail.

Your comment that Transnet will not be affected by the proposed project is well noted.

May you have a lovely day further.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Zanoxolo Pama Transnet Property BLM [mailto:Zanoxolo.Pama@transnet.net]  
**Sent:** Tuesday, October 9, 2018 3:53 PM  
**To:** Norman Papenfus Transnet Freight Rail BLM; Ntombizonke Mbembe Transnet Freight Rail BLM  
**Cc:** Andre Bodenstein \*Transnet Property BLM; Wentzel Radcliffe \*Transnet Property BLM; Mmakoena  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day Colleagues

Our Ref: LS.BFX.25\_1\_33

Please be informed that this application will not impact Transnet as the area of interest lies approximately 20 km from Transnet Land. See below;

## Mmakoena

---

**From:** Marlene Oosthuisen <marlene@kruppeng.co.za>  
**Sent:** Wednesday, October 10, 2018 10:14 AM  
**To:** 'Mmakoena'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** 20181010100414783.pdf

Good day,

Attached please find I&AP registration form.

**KINDLY ACKNOWLEDGE RECEIPT OF E-MAIL.**

Regards

*AJ Hanekom*  
073 449 2006

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 05 October 2018 15:42  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith notification (provided in English, Afrikaans and Sesotho) regarding a Mining Right application as well as the availability of the draft Scoping Report and details of the Open Day.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
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GPS Co-ordinates: -26.151388 27.962913

011 476 7075

**INTERESTED AND AFFECTED PARTY REGISTRATION FORM**



**PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION**

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|                                       |   |                |   |
|---------------------------------------|---|----------------|---|
| Name                                  | AT Hanekom                                | EAP            | Shango Solutions                            |
| Address                               | 44 Vaal Eden<br>Portion 7<br>Plas de Pont | Contact person | Ms Zizo Siwendu                             |
| Landowner/Legal occupier/Organisation | Hanekom Trust                             | Address        | P.O Box 2591<br>Cresta<br>2118              |
| Tel or Cell no.                       | 073 449 2006                              | Project        | Pure Source Mine<br>(FS 30/8/12/2/10048 MR) |
| Email                                 | marlene@kruppeng.co.za                    | Tel no.        | 011 678 8504                                |
|                                       |   | Email          | zizo@shango.co.za                           |

Organisation and/or property description  
(if landowner/ lawful occupier)

Vaal Eden 44 and Portion 7, Plas de Pont

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Landowner next to mining site

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Land owner

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Vaal Eden & Vaal Oewer & Plas de Pont area  
± 1600 people

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Township & primary school

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Holiday resort, wedding venues, game farms & bird sanctuaries next to river & caravan parks

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Flora & fauna  
Grazing  
Natural water table  
Fish & bird life

011 476 7075

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Vaal Eden Township  
Townhouse development  
Vaal Eden caravanpark & guesthouse

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Graveyards  
Cave in Vaalbever area

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Loss of tourism to area  
Job losses due to decrease in tourism  
Depreciation of property values

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Stop mining completely

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Job losses, closure of businesses  
Property values  
Turf roads not build for heavy vehicles.  
Dust & noise pollution

General Comments:

NO MINING!!  
Only one person will benefit from the mining, due to hundreds of job losses.  
Water pollution of Vaal River.  
The mining site is not zoned for mining, but for agriculture.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding the Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name AJ Harekom Date 10/10/2018

## Mmakoena

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**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 15, 2018 10:03 AM  
**To:** 'Marlene Oosthuisen'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Marlene,

Received.

Thank you for completing the I&AP registration form.

May you have a lovely day further.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Marlene Oosthuisen [mailto:marlene@kruppeng.co.za]  
**Sent:** Wednesday, October 10, 2018 10:14 AM  
**To:** 'Mmakoena'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day,

Attached please find I&AP registration form.

**KINDLY ACKNOWLEDGE RECEIPT OF E-MAIL.**

Regards

*AJ Hanekom*  
073 449 2006

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 05 October 2018 15:42  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use



## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, November 5, 2018 10:58 AM  
**To:** 'Marlene Oosthuisen'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; mark@vldc.co.za; info@vldc.co.za; mader@skets.co.za; michael@vldc.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** RE: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Dear Abrie,

Thank you for your mail and for completing the Interested and Affected Party registration form. Your comments are duly noted.

I trust the concerns raised in your correspondence were addressed in Zizo's mail sent to you on the 12<sup>th</sup> October 2018 (see attached).

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

From: Marlene Oosthuisen [mailto:marlene@kruppeng.co.za]

Sent: Wednesday, October 10, 2018 10:14 AM

To: 'Mmakoena'

Cc: zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za

Subject: RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day,

Attached please find I&AP registration form.

KINDLY ACKNOWLEDGE RECEIPT OF E-MAIL.

Regards

*AJ Hanekom*

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Wednesday, October 10, 2018 1:03 PM  
**To:** mmakoena@shango.co.za  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; Mashudu Mulaudzi; craigrichardson100@gmail.com; Mariette Liefferink; thabo.moloi@outa.co.za; Mariette Liefferink; pieter.hattingh@sibanyestillwater.com; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Pure Source Mine\_I&AP\_Initial Notification.pdf

Good Day,

I refer your attachment.

In copy DMR.

The date scheduled for the open day is unacceptable. The 24<sup>th</sup> is a Wednesday. Please schedule the open day for a Saturday and give us at least 30 days' notice. We are a working community and cannot take off during the week to attend your meetings.

I await the new date,

Kind Regards

Gavin Aboud  
Chairman  
Cell 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment



**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 05 October 2018 03:42 PM  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, October 12, 2018 9:17 AM  
**To:** 'Gavin Aboud'; mmakoena@shango.co.za  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; craigrichardson100@gmail.com; 'Mariette Liefferink'; thabo.moloi@outa.co.za; 'Mariette Liefferink'; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Gavin,

Thank you for your mail. I was out of the office between the 9<sup>th</sup> and 11<sup>th</sup> October 2018.

We unfortunately cannot change the date. The project team (including relevant specialists) will be available for 8 hours (between 09H00 am and 17H00) on the 24<sup>th</sup> October 2018. During the Open Day, I&APs can walk in anytime between 09H00 and 17H00 and engage with the Project Team. They may leave as soon as they feel all their questions have been addressed by the Project Team. For your convenience, we may extend the Open Day by an hour (until 18H00) allowing your attendance after work.

**Best regards,  
Zizo Siwendu.**



[t] +27 11 678 6504 [w] www.shango.co.za  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

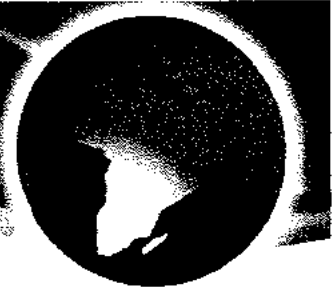
**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 11 October 2018 07:11 AM  
**To:** mmakoena@shango.co.za  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; Mashudu Mulaudzi; craigrichardson100@gmail.com; Mariette Liefferink; thabo.moloi@outa.co.za; Mariette Liefferink; pieter.hattingh@sibanyestillwater.com; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

Please can I have a reply?

Kind Regards

Gavin Aboud



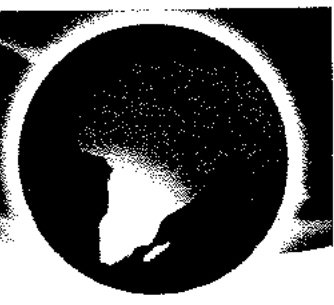
For: Nmaakoera/Zizo  
From: LT Matshadi  
Of:  
Telephone no.: 071 946 0470

|                                     |                   |                          |                     |                          |                    |
|-------------------------------------|-------------------|--------------------------|---------------------|--------------------------|--------------------|
| <input checked="" type="checkbox"/> | Telephoned        | <input type="checkbox"/> | Please phone back   | <input type="checkbox"/> | Returned your call |
| <input type="checkbox"/>            | Called to see you | <input type="checkbox"/> | Desires appointment | <input type="checkbox"/> | Will phone back    |

Message:

Would like to know about employment opportunities at Pure Source Mine. He says he will send his email address on 10/10/2018 in order for the information documents for the project to be sent to him.

Received by: Nyahdala  
Date & time: 12:05 09/10/2018



For: Mmakana / 2120  
 From: Vivian Police  
 Of: Department of Rural Development & Land Reform  
 Telephone no.: 051 430 04 23 / 082 851 9984

|                                     |                   |                          |                     |                          |                    |
|-------------------------------------|-------------------|--------------------------|---------------------|--------------------------|--------------------|
| <input checked="" type="checkbox"/> | Telephoned        | <input type="checkbox"/> | Please phone back   | <input type="checkbox"/> | Returned your call |
| <input type="checkbox"/>            | Called to see you | <input type="checkbox"/> | Desires appointment | <input type="checkbox"/> | Will phone back    |

Message:  
 Requested information on Goosebay project.  
 Farm name & no, the magisterial districts and  
 towns situated in.  
 Her email address is vivian.police@drdl.gov.za

Received by: Nyandala  
 Date & time: 09-10-2008 14:45'

## Nyandala

---

**From:** Nyandala <nyandala@shango.co.za>  
**Sent:** Tuesday, October 9, 2018 2:56 PM  
**To:** 'vivian.police@drd.gov.za'  
**Cc:** mmakoena@shango.co.za; zizo@shango.co.za  
**Subject:** Pure Source Mine (Goosebay Project)  
**Attachments:** Pure Source Mine\_I&AP\_Initial Notification.pdf

Good day Vivian

Following our telephonic conversation, below is the information that you have requested.

The project is based on the farm Woodlands 407 which falls under the Parys Magisterial District, within the Fezile Dabi District Municipality. The project area is located approximately 15 km northwest of Sasolburg and 21 km north east from the town of Parys.

I have attached the Background Information Documents for your convenience.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards**

**Nyandala Adi Ramaru**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 79 230 6672  
GPS Co-ordinates: -26.151388 27.962913

## Nyandala

---

**From:** Nyandala <nyandala@shango.co.za>  
**Sent:** Wednesday, October 10, 2018 2:30 PM  
**To:** 'vivian.police@drdlr.gov.za'  
**Cc:** zizo@shango.co.za; mmakoena@shango.co.za  
**Subject:** FW: Pure Source Mine (Goosebay Project)  
**Attachments:** Pure Source Mine\_I&AP\_Initial Notification.pdf

Good day Vivian

Below is the email that I sent yesterday.

Apologies for the incorrect email address.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards**

**Nyandala Adi Ramaru**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 79 230 6672  
GPS Co-ordinates: -26.151388 27.962913

**From:** Nyandala [mailto:nyandala@shango.co.za]  
**Sent:** Tuesday, October 9, 2018 2:56 PM  
**To:** 'vivian.police@drd.gov.za'  
**Cc:** mmakoena@shango.co.za; zizo@shango.co.za  
**Subject:** Pure Source Mine (Goosebay Project)

Good day Vivian

Following our telephonic conversation, below is the information that you have requested.

The project is based on the farm Woodlands 407 which falls under the Parys Magisterial District, within the Fezile Dabi District Municipality. The project area is located approximately 15 km northwest of Sasolburg and 21 km north east from the town of Parys.

I have attached the Background Information Documents for your convenience.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards**

## Mmakoena

---

**From:** Vivian Police <vivian.police@drrdlr.gov.za>  
**Sent:** Wednesday, October 10, 2018 3:15 PM  
**To:** Nyandala  
**Cc:** zizo@shango.co.za; mmakoena@shango.co.za; Nozipho Dlamini  
**Subject:** RE: Pure Source Mine (Goosebay Project)

Good afternoon

Could you please provide our office with Deeds web(Copy) if you have, because this information it is not relevant for us to assist/respond to your enquiry.

Please be specific which farm you want our office to assist with. e.g :

1. Farm name/Portion number/s or Remaining Extent.
2. District and Local Municipality "WHERE'S SITUATED (TOWN NAME) IN THE FREE STATE PROVINCE"? Because it not easy for us to search your enquiry on our database if the information it is not clear.

Regards  
Vivian Plice

**From:** Nyandala [mailto:nyandala@shango.co.za]  
**Sent:** 10 October 2018 02:30 PM  
**To:** Vivian Police  
zizo@shango.co.za; mmakoena@shango.co.za  
**Subject:** FW: Pure Source Mine (Goosebay Project)

Good day Vivian

Below is the email that I sent yesterday.

Apologies for the incorrect email address.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards**

**Nyandala Adi Ramaru**



## Nyandala

---

**From:** Nyandala <nyandala@shango.co.za>  
**Sent:** Wednesday, October 10, 2018 3:43 PM  
**To:** 'Vivian Police'  
**Cc:** zizo@shango.co.za; mmakoena@shango.co.za; 'Nozipho Dlamini'  
**Subject:** RE: Pure Source Mine (Goosebay Project)  
**Attachments:** Woodlands 407\_ptn 1(RE).pdf; Woodlands 407\_ptn 3.pdf; Woodlands 407\_ptn 0(RE).pdf

Good day Vivian

The farm under discussion is Woodlands 407 (Portions 0(RE), 1(RE) and 3). I have attached the title deeds. The farm is not in a town however it is located approximately 15 km northwest of Sasolburg and 21 km north east from the town of Parys. It is situated in the Parys Magisterial District which falls under the Ngwathe Local Municipality, within the Fezile Ngwathe District Municipality.

Thank you.

**Regards**

**Nyandala Adi Ramaru**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 79 230 6672  
GPS Co-ordinates: -26.151388 27.962913

**From:** Vivian Police [mailto:vivian.police@drrlr.gov.za]  
**Sent:** Wednesday, October 10, 2018 3:15 PM  
**To:** Nyandala  
( zizo@shango.co.za; mmakoena@shango.co.za; Nozipho Dlamini  
**Subject:** RE: Pure Source Mine (Goosebay Project)

Good afternoon

Could you please provide our office with Deeds web(Copy) if you have, because this information it is not relevant for us to assist/respond to your enquiry.

Please be specific which farm you want our office to assist with. e.g :

1. Farm name/Portion number/s or Remaining Extent.
2. District and Local Municipality "WHERE'S SITUATED (TOWN NAME) IN THE FREE STATE PROVINCE"? Because it not easy for us to search your enquiry on our database if the information it is not clear.

Regards  
Vivian Plice

# WinDeed Database Deeds Office Property



WOODLANDS, 407, 0 (REMAINING EXTENT) (BLOEMFONTEIN)

## GENERAL INFORMATION

Date Requested 2018/05/03 08:56  
 Deeds Office BLOEMFONTEIN  
 Information Source WINDEED DATABASE  
 Reference -



## PROPERTY INFORMATION

Property Type FARM  
 Farm Name WOODLANDS  
 Farm Number 407  
 Portion Number 0 (REMAINING EXTENT)  
 Local Authority NOT AVAILABLE  
 Registration Division PARYS RD  
 Province FREESTATE  
 Diagram Deed T460/1952  
 Extent 261.0839H  
 Previous Description -  
 LPI Code F02500000000040700000

## OWNER INFORMATION

Owner 1 of 1  
 Type COMPANY  
 Name WINNERS POINT 117 TRADING PTY LTD  
 ID / Reg. Number 200500068607  
 Title Deed T349/2006  
 Registration Date 2006/01/09  
 Purchase Price (R) 14,000,000  
 Purchase Date 2005/06/30  
 Share 0.00  
 Microfilm 2006 0045 1369  
 Multiple Properties NO  
 Multiple Owners NO

## ENDORSEMENTS (4)

| # | Document     | Institution | Amount (R) | Microfilm      |
|---|--------------|-------------|------------|----------------|
| 1 | K14/2006S    | -           | UNKNOWN    | 2006 0045 1381 |
| 2 | 17/1972MR    | -           | UNKNOWN    | -              |
| 3 | FROM 192,247 | -           | UNKNOWN    | -              |
| 4 | PARYS RD,407 | -           | UNKNOWN    | -              |

## HISTORIC DOCUMENTS (2)

| # | Document   | Owner                   | Amount (R) | Microfilm      |
|---|------------|-------------------------|------------|----------------|
| 1 | T4283/1996 | BENEPROPS THREE PTY LTD | 315,000    | 2006 0045 1364 |
| 2 | T74/1971   | JUZI JOHANN BERNHARD    | UNKNOWN    | -              |

## DISCLAIMER

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# WinDeed Database Deeds Office Property



WOODLANDS, 407, 1 (REMAINING EXTENT) (BLOEMFONTEIN)

## GENERAL INFORMATION

Date Requested 2018/05/03 08:57  
 Deeds Office BLOEMFONTEIN  
 Information Source WINDEED DATABASE  
 Reference -



## PROPERTY INFORMATION

Property Type FARM  
 Farm Name WOODLANDS  
 Farm Number 407  
 Portion Number 1 (REMAINING EXTENT)  
 Local Authority NOT AVAILABLE  
 Registration Division PARYS RD  
 Province FREESTATE  
 Diagram Deed T461/1952  
 Extent 417.7165H  
 Previous Description -  
 LPI Code F02500000000040700001

## OWNER INFORMATION

Owner 1 of 1  
 Type COMPANY  
 Name WINNERS POINT 117 TRADING PTY LTD  
 ID / Reg. Number 200500068607  
 Title Deed T348/2006  
 Registration Date 2006/01/09  
 Purchase Price (R) 14,000,000  
 Purchase Date 2005/06/30  
 Share 0.00  
 Microfilm 2006 0045 1346  
 Multiple Properties NO  
 Multiple Owners NO

## ENDORSEMENTS (6)

| # | Document        | Institution           | Amount (R) | Microfilm      |
|---|-----------------|-----------------------|------------|----------------|
| 1 | K713/1995PC     | -                     | UNKNOWN    | -              |
| 2 | VA1209/2002     | BENEPROPS TWO PTY LTD | UNKNOWN    | 2002 0368 0667 |
| 3 | VA1188/2005     | BENEPROPS TWO PTY LTD | UNKNOWN    | 2005 0403 0095 |
| 4 | K13/2006S       | -                     | UNKNOWN    | 2006 0045 1358 |
| 5 | 834/1959S       | -                     | UNKNOWN    | -              |
| 6 | PARYS RD,407,,1 | -                     | UNKNOWN    | -              |

## HISTORIC DOCUMENTS (4)

| # | Document    | Owner                             | Amount (R)    | Microfilm      |
|---|-------------|-----------------------------------|---------------|----------------|
| 1 | T12075/1995 | BENEPROPS TWO PTY LTD             | 2,451,000     | 2005 0403 0101 |
| 2 | T461/1952   | ASWEGEN H J VAN                   | END 45        | 2002 0451 0670 |
| 3 | T23670/2005 | GALENCIA INVESTMENTS 1015 PTY LTD | 3,100,000     | 2005 0403 0081 |
| 4 | T27075/2005 | BENEPROPS TWO PTY LTD             | RECTIFICATION | 2006 0045 1340 |

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## WinDeed Database Deeds Office Property

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A LexisNexis® Product

WOODLANDS, 407, 3 (BLOEMFONTEIN)

**GENERAL INFORMATION**

Date Requested 2018/05/03 08:58  
Deeds Office BLOEMFONTEIN  
Information Source WINDEED DATABASE  
Reference -

**PROPERTY INFORMATION**

Property Type FARM  
Farm Name WOODLANDS  
Farm Number 407  
Portion Number 3  
Local Authority NOT AVAILABLE  
Registration Division PARYS RD  
Province FREESTATE  
Diagram Deed T4723/1965  
Extent 179.7821H  
Previous Description -  
LPI Code F02500000000040700003

**OWNER INFORMATION**

Owner 1 of 1  
Type COMPANY  
Name WINNERS POINT 117 TRADING PTY LTD  
ID / Reg. Number 200500068607  
Title Deed T347/2006  
Registration Date 2006/01/09  
Purchase Price (R) 14,000,000  
Purchase Date 2005/06/30  
Share 0.00  
Microfilm 2006 0045 1322  
Multiple Properties NO  
Multiple Owners NO

**ENDORSEMENTS (2)**

| # | Document        | Institution | Amount (R) | Microfilm      |
|---|-----------------|-------------|------------|----------------|
| 1 | K12/2006S       | -           | UNKNOWN    | 2006 0045 1334 |
| 2 | PARYS RD,407,,3 | -           | UNKNOWN    | -              |

**HISTORIC DOCUMENTS (1)**

| # | Document   | Owner                | Amount (R) | Microfilm      |
|---|------------|----------------------|------------|----------------|
| 1 | T6066/1969 | VAAL PARADYS PTY LTD | UNKNOWN    | 2006 0045 1317 |

**DISCLAIMER**

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## Mmakoena

---

**From:** Vivian Police <vivian.police@drdlr.gov.za>  
**Sent:** Wednesday, October 10, 2018 4:17 PM  
**To:** Nyandala  
**Cc:** zizo@shango.co.za; mmakoena@shango.co.za; Nozipho Dlamini  
**Subject:** RE: Pure Source Mine (Goosebay Project)

Thank you, will attend to it.

Kind regards  
Vivian Police

**From:** Nyandala [mailto:nyandala@shango.co.za]  
**Sent:** 10 October 2018 03:43 PM  
**To:** Vivian Police  
**Cc:** zizo@shango.co.za; mmakoena@shango.co.za; Nozipho Dlamini  
**Subject:** RE: Pure Source Mine (Goosebay Project)

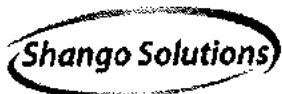
Good day Vivian

The farm under discussion is Woodlands 407 (Portions 0(RE), 1(RE) and 3). I have attached the title deeds. The farm is not in a town however it is located approximately 15 km northwest of Sasolburg and 21 km north east from the town of Parys. It is situated in the Parys Magisterial District which falls under the Ngwathe Local Municipality, within the Fezile Ngwathe District Municipality.

Thank you.

**Regards**

**Nyandala Adi Ramaru**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 79 230 6672  
GPS Co-ordinates: -26.151388 27.962913

**From:** Vivian Police [mailto:vivian.police@drdlr.gov.za]  
**Sent:** Wednesday, October 10, 2018 3:15 PM  
**To:** Nyandala  
**Cc:** zizo@shango.co.za; mmakoena@shango.co.za; Nozipho Dlamini  
**Subject:** RE: Pure Source Mine (Goosebay Project)

Good afternoon

## Mmakoena

---

**From:** Vivian Police <vivian.police@drdlr.gov.za>  
**Sent:** Thursday, October 11, 2018 4:51 PM  
**To:** Nyandala (nyandala@shango.co.za); zizo@shango.co.za; mmakoena@shango.co.za  
**Cc:** Nozipho Dlamini; Khomotso Bernard Mahlatji; Rachel Taole  
**Subject:** Land Claim Enquiry  
**Attachments:** SKM\_C65818101110480.pdf

Good afternoon

Kindly find the attached response letter as requested.

Warmest regards  
Vivian Police



COMMISSION ON RESTITUTION OF LAND RIGHTS  
Ground Floor, First Bank Building, off Dalhousie and East Bunge Streets, Harare, Zimbabwe  
Tel: (094) 490 0001/2/3/4

Enquiries: Vivian Police

N.A RAMARU / M. MMOLA  
SHANGO SOLUTIONS  
PO BOX 2591  
CRESTA  
2118

Dear Ms/Mr N.A RAMARU / M. MMOLA

**LAND CLAIMS ENQUIRY:**

- 1. THE FARM WOODLANDS 407, DISTRICT PARYS, PROVINCE FREE STATE.**
- 2. PORTION 0 REMAINING EXTENT OF THE FARM WOODLANDS 407, DISTRICT PARYS, PROVINCE FREE STATE.**
- 3. PORTION 1 REMAINING EXTENT OF THE FARM WOODLANDS 407, DISTRICT PARYS, PROVINCE FREE STATE.**
- 4. PORTION 3 OF THE FARM WOODLANDS 407, DISTRICT PARYS, PROVINCE FREE STATE.**

We refer to your letter sent on the 08 & 10 October 2018.

We confirm that as at the date of this letter no land claims appear on our database in respect of the Property. This includes the database for claims lodged by 31 December 1998; and those lodged between 1 July 2014 and 27 July 2016 in terms of the Restitution of Land Rights Amendment Act, 2014.

Whilst the Commission takes reasonable care to ensure the accuracy of the information it provides, there are various factors that are beyond the Commission's control, particularly relating to claims that have lodged but not yet been gazetted such as:

1. Some Claimants referred to properties they claim dispossession of rights in land against using historical property descriptions which may not match the current property description; and
2. Some Claimants provided the geographic descriptions of the land they claim without mentioning the particular actual property description they claim dispossession of rights in land against.

The Commission therefore does not accept any liability whatsoever if through the process of further investigation of claims it is found that there is in fact a land claim in respect of the above property.

If you are aware of any change in the description of the above property after 19 June 1913 kindly supply us with such description so as to enable us to do a further search.

Yours faithfully



MR KB MAHLATJI

DD: IMU

LAND RESTITUTION SUPPORT: FS

DATE: 11/10/2018



## Nyandala

---

**From:** Nyandala <nyandala@shango.co.za>  
**Sent:** Monday, October 15, 2018 8:21 AM  
**To:** 'Vivian Police'  
**Cc:** 'Nozipho Dlamini'; 'Khomotso Bernard Mahlatji'; 'Rachel Taole'; 'zizo@shango.co.za'; 'mmakoena@shango.co.za'  
**Subject:** RE: Land Claim Enquiry

Good morning Vivian

Thank you for your assistance.

**Regards**

**Nyandala Adi Ramaru**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 79 230 6672  
GPS Co-ordinates: -26.151388 27.962913

**From:** Vivian Police [mailto:vivian.police@drdlr.gov.za]  
**Sent:** Thursday, October 11, 2018 4:51 PM  
**To:** Nyandala (nyandala@shango.co.za); zizo@shango.co.za; mmakoena@shango.co.za  
**Cc:** Nozipho Dlamini; Khomotso Bernard Mahlatji; Rachel Taole  
**Subject:** Land Claim Enquiry

Good afternoon

I will find the attached response letter as requested.

Warmest regards  
Vivian Police

## Mmakoena

---

**From:** Vivian Police <vivian.police@drdlr.gov.za>  
**Sent:** Monday, October 15, 2018 11:17 AM  
**To:** Nyandala  
**Cc:** Nozipho Dlamini; Khomotso Bernard Mahlatji; Rachel Taole; zizo@shango.co.za; mmakoena@shango.co.za  
**Subject:** RE: Land Claim Enquiry

It's my pleasure

**From:** Nyandala [mailto:nyandala@shango.co.za]  
**Sent:** 15 October 2018 08:21 AM  
**To:** Vivian Police  
**Cc:** Nozipho Dlamini; Khomotso Bernard Mahlatji; Rachel Taole; zizo@shango.co.za; mmakoena@shango.co.za  
**Subject:** RE: Land Claim Enquiry

Good morning Vivian

Thank you for your assistance.

**Regards**

**Nyandala Adi Ramaru**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 79 230 6672  
GPS Co-ordinates: -26.151388 27.962913

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**Sent:** Thursday, October 11, 2018 4:51 PM  
**To:** Nyandala (nyandala@shango.co.za); zizo@shango.co.za; mmakoena@shango.co.za  
**Cc:** Nozipho Dlamini; Khomotso Bernard Mahlatji; Rachel Taole  
**Subject:** Land Claim Enquiry

Good afternoon

Kindly find the attached response letter as requested.

Warmest regards  
Vivian Police

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Thursday, October 11, 2018 7:11 AM  
**To:** mmakoena@shango.co.za  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; Mashudu Mulaudzi; craigrichardson100@gmail.com; Mariette Liefferink; thabo.moloi@outa.co.za; Mariette Liefferink; pieter.hattingh@sibanyestillwater.com; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

Can I have a reply?

Kind Regards

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment



**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 10 October 2018 01:03 PM  
**To:** 'mmakoena@shango.co.za'  
**Cc:** Zizo Siwendu <zizo@shango.co.za> (zizo@shango.co.za); stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; Mashudu Mulaudzi (Mashudu.Mulaudzi@dmr.gov.za); craigrichardson100@gmail.com; Mariette Liefferink (mariette@pea.org.za); thabo.moloi@outa.co.za; Mariette Liefferink (mariette@pea.org.za); pieter.hattingh@sibanyestillwater.com; Abrie Hanekom Vaaloewer (marlene@kruppeng.co.za); Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

I refer your attachment.

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Friday, October 12, 2018 12:49 PM  
**To:** 'Zizo Siwendu'; mmakoena@shango.co.za  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; craigrichardson100@gmail.com; 'Mariette Liefferink'; thabo.moloi@outa.co.za; 'Mariette Liefferink'; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

I copy DMR.

Your mail below refers.

I am sorry , I do not accept this.

Firstly I insist on a 30 day notice period.

Change the date so that it is acceptable to all. The Project Team, the specialists, and 1396 registered IAP's.

This is a tourist route, people work in Johannesburg, I for example leave at 5h30 in the morning and only get back after 18h00.

Many residents do not live here and come on weekends only.

So change the date to a Saturday. Failing which you leave me no option but to partition the DMR, and inform the Press i.e. Saturday Star, local newspapers and the Beeld, that you are being obstructive in the process, and are wilfully creating a situation where the public cannot participate,

Kind Regards

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, October 12, 2018 2:10 PM  
**To:** 'Gavin Aboud'; mmakoena@shango.co.za  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; craigrichardson100@gmail.com; 'Mariette Liefferink'; thabo.moloi@outa.co.za; 'Mariette Liefferink'; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; Azwihangwisi Nemulodi; mark@vlde.co.za; michael@vlde.co.za; info@vlde.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Gavin,

The NEMA EIA Regulation (GNR 326, 3(8)) states that any public participation process (PPP) must be conducted for a period of at least 30 days. The PPP for the Scoping phase of this project will run for a period of at least 30 days, from the 8<sup>th</sup> October 2018 to the 9<sup>th</sup> November 2018, as was made public on the 5<sup>th</sup> October 2018. The Open Day has been scheduled within the 30 day period. Your request and reasons thereof are noted. However, we maintain that we cannot change the date. The reasons therefore are as follows:

- The environmental process is governed by legislated timeframes that we are required to adhere to. If we move the Open Day to a later date, we will not meet the deadlines.
- Notifications that were sent out (site notices, adverts, registered letters, e-mails and faxes) indicate this date. If this date is changed, that means we will have to re-advertise, place new site notices within and around the application area and send out new registered letters, faxes and e-mails reflecting a new date. This will create confusion for I&APs.

Another Open Day will be scheduled during the EIA phase. Taking all your reasons into consideration, the Open Day for the EIA phase will be conducted on a Saturday, within 30 days of the PPP period.

To accommodate you, the Environmental Assessment Practitioner (Shango Solutions) will be available until 8pm on the 24<sup>th</sup> October 2018 for your convenience. We are looking forward to meeting you at the Open Day.

Best regards,  
Zizo Siwendu.



[t] +27 11 678 6504 [w] www.shango.co.za  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 12 October 2018 12:49 PM  
**To:** 'Zizo Siwendu'; mmakoena@shango.co.za  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; craigrichardson100@gmail.com; 'Mariette Liefferink'; thabo.moloi@outa.co.za; 'Mariette Liefferink'; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'

## Mmakoena

---

**From:** Bob Hartsliet <bobh@dullies.com>  
**Sent:** Friday, October 12, 2018 1:04 PM  
**To:** Zizo Siwendu  
**Cc:** Marlene Oosthuisen; jochen@shango.co.za; stefanie@shango.co.za; Renee de Jong Hartsliet; Pa; Arnold de Beer; Chris; Dina; Tertius; Warrin; Liz; schalk burger; mmakoena@shango.co.za  
**Subject:** Re: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Zizo  
Considering your responses — are you saying that COMPLIANCE is the responsibility of the DMR>?  
Thanks  
BobH

On 12 Oct 2018, at 11:19 AM, Zizo Siwendu <[zizo@shango.co.za](mailto:zizo@shango.co.za)> wrote:

Dear Marlene,

Thank you for your mail.

Your objection and reasons thereof are noted. Responses to your comments are written in red font colour:

1. The miners do not keep their promises and break the law on many occasions  
Noted.
2. The tar roads are not build to carry heavy vehicles at all  
A traffic impact assessment has been undertaken in support of the Mining Right Application and the findings will be included in the final Scoping Report that will be made available to the public for review, in due course. In addition, consultation with the Free State Department of Police, Roads and Transport will be undertaken during the EIA phase of the project in order to initiate a long-term road maintenance plan, to ensure the availability of a road network to transport workers and mined product, should the Mining Right be granted by the DMR.
3. The miners do not keep to the specified working hours  
Noted. The Environmental Management Programme Report (EMPR, which is legally binding to the Applicant) that will be compiled for this project, during the EIA phase, will specify working hours and days for the operation of the mine. Interested and Affected Parties have the right to report any areas of non-compliance to the decision-making authority (the DMR) if the mine does not operate according to the conditions of the EMPR.
4. The dust pollution are unbearable and are not controlled  
The implementation of an effective dust suppression and control plan will be included as a condition in the EMPR.
5. The trucks blocks the entrances to private property daily  
The EMPR will recommend that a traffic management plan be established by the Applicant in order to prevent blockages. In addition, a 4 lane access road is proposed as part of the Mining Right application process, in order to manage traffic, should the Mining Right be granted by the DMR.
6. The Fauna and Flora of the area are permanently damaged  
Noted.

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, October 12, 2018 2:16 PM  
**To:** 'Bob Hartsliel'  
**Cc:** 'Marlene Oosthuisen'; jochen@shango.co.za; stefanie@shango.co.za; 'Renee de Jong Hartsliel'; 'Pa'; 'Arnold de Beer'; 'Chris'; 'Dina'; 'Tertius'; 'Warrin'; 'Liz'; 'schalk burger'; mmakoena@shango.co.za  
**Subject:** RE: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Dear Bob,

Thank you for your mail.

Compliance is the responsibility of the Applicant and License Holder. Enforcement of compliance is the responsibility of the DMR.

**Best regards,  
Zizo Siwendu.**



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[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Bob Hartsliel [mailto:bobh@dullies.com]  
**Sent:** 12 October 2018 01:04 PM  
**To:** Zizo Siwendu  
**Cc:** Marlene Oosthuisen; jochen@shango.co.za; stefanie@shango.co.za; Renee de Jong Hartsliel; Pa; Arnold de Beer; Chris; Dina; Tertius; Warrin; Liz; schalk burger; mmakoena@shango.co.za  
**Subject:** Re: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Zizo  
Considering your responses --- are you saying that COMPLIANCE is the responsibility of the DMR?  
Thanks  
BobH

On 12 Oct 2018, at 11:19 AM, Zizo Siwendu <zizo@shango.co.za> wrote:

Dear Marlene,

Thank you for your mail.

Your objection and reasons thereof are noted. Responses to your comments are written in red font colour:

1. The miners do not keep their promises and break the law on many occasions  
Noted.

## Mmakoena

---

**From:** Marianne Bilsland <marianne@fixeng.co.za>  
**Sent:** Friday, October 12, 2018 2:06 PM  
**To:** Mmakoena  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** I&AP registration.pdf

Good day  
Registration as an I&AP attached.  
Kindly confirm receipt  
Regards  
M Bilsland (Ms)

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, 05 October 2018 4:43 PM  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

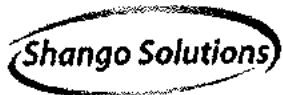
Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith notification (provided in English, Afrikaans and Sesotho) regarding a Mining Right application as well as the availability of the draft Scoping Report and details of the Open Day.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

Regards,

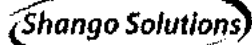
Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913



# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                       |                |   |
|--|-----------------------|----------------|---|
| Name                                   | M. BILSLAND           | EAP            | Shango Solutions                          |
| Address                                | PORTION 11            | Contact person | Ms Zizo Siwendu                           |
|  | STAND A               | Address        | P.O Box 2591                              |
|  | VVALOEWER             |                | Cresta                                    |
| Landowner/Lawful occupier/Organisation | M. BILSLAND           | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 082 414 8609          | Tel no.        | 011 678 6504                              |
| Email                                  | marianne@fixeng.co.za | Email          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

HOME OWNER.

Please state your interest in the proposed project (you are welcome to add additional pages if required):

I AM A HOMEOWNER IN VVALOEWER AND WILL BE DIRECTLY IMPACTED IN MANY NEGATIVE INSTANCES BY ANY MINING ACTIVITIES THAT ARE PROPOSED WITH THIS APPLICATION

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

YES

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

YES  
THERE ARE MANY COMMUNITIES THAT WILL BE AFFECTED. DETAILS & CONTACT DETAILS ARE AVAILABLE AS PER PREVIOUS APPLICATIONS.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

I AM NOT QUALIFIED TO COMMENT ON THIS AND THIS SHOULD FORM PART OF DUE DILIGENCE BY SHANGO SOLUTIONS

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

THIS SHOULD FORM PART OF DUE DILIGENCE BY SHANGO SOLUTIONS

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

THIS SHOULD FORM PART OF DUE DILIGENCE BY SHANGO SOLUTIONS

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

NOT QUALIFIED TO COMMENT. THIS MUST FORM PART OF DUE DILIGENCE BY SHANGO SOLUTIONS.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

THIS SHOULD FORM PART OF DUE DILIGENCE BY SHANGO SOLUTIONS AS I AM NOT QUALIFIED TO COMMENT.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

INCLUDING BUT NOT LIMITED TO:  
- ENVIRONMENT THAT WILL BE HARMFUL TO MY HEALTH & WELL BEING  
- DEPRECIATION OF MY PROPERTY VALUE  
- NEGATIVE INFLUENCE ON TOURISM

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

AS I AM A HOME OWNER THAT WILL BE AFFECTED NEGATIVELY BY ANY MINING ACTIVITY DUE TO THE CLOSE PROXIMITY OF MY HOME, THE ONLY MEASURE THAT SHOULD BE TAKEN IS NO MINING ACTIVITY WHATSOEVER.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

I HAVE MULTIPLE CONCERNS, LEAST OF WHICH IS THAT A PUMPHOUSE WILL BE OPERATIONAL CREATING UNACCEPTABLE NOISE POLLUTION APPROX 200m FROM MY PROPERTY.

General Comments:

SEE ATTACHED.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed M. Bilsland Name MARIANNE BILSLAND Date 12/10/2018.

Addendum to 'Interested and Affected Party Registration Form'

FS 30/5/1/2/2/10048 EM

I refer to information received from Shango Solutions via email on 09/10/2019.  
I am not able to comment or verify a large portion of the document as it refers to legalese, acts and mining rights that, as a layman, I am not in a position to interpret or confirm.

My property and my wellbeing will be directly affected by the proposed mining operation with regard to, but not limited to, the following information taken from the background information document:

*'Application reference number: FS 30/5/1/2/2/10042 MR Goosebay Farm (Pty) Ltd Ltd (wholly owned by the Van Wyk Land Development Corporation (Pty) Ltd "VLDC" Group was withdrawn and then resubmitted as Monte Cristo Commercial Park (Pty) Ltd (wholly owned by the VLDC Group - to be empowered according to BEE requirements) reference number: FS 30/5/1/2/2/10048 MR.'*

My personal view is that the above smacks of window dressing and I view the new application with utmost suspicion.

A reason for the previous application being withdrawn is noted in the BID as:  
*'Unprecedented number of objections from I&APs due to the sensitivity of the mining footprint.'*  
I fail to see what has significantly changed in the mining footprint which could possibly warrant a new application.

My property is situated on the Vaal River and was purchased solely for the peace and tranquillity that the area offered. This particular stretch of the river allows me to enjoy the quietness of country living and experience the abundant birdlife, fish and animal life of the habitat that is associated with the river.

Water sport activity on the river is controlled and infrequent and I was fully aware that there would be water activity on the river when my property was purchased. Traffic noise is less than minimal. At the time of purchasing my property, there was no sign of mining activity. The proposed mining activity will cause noise pollution through the presence of noise generating infrastructure and activities.

Due to the non-urban configuration of the area, noise travels far distances and will not be contained in the area demarcated for mining.

I object to the amount of time and effort to which I am subjected, in order to protect my rights.

Section 2(h) of the MPRDA, refers to the over-riding requirement for the application to be consistent with Section 24 of the Constitution, and which states:

*"Everyone has the right -  
(a) to an environment that is not harmful to their health or well-being; and  
(b) to have the environment protected, for the benefit of present and future generations, through reasonable legislative and other measures that -  
(i) prevent pollution and ecological degradation;  
(ii) promote conservation; and  
(iii) secure ecologically sustainable development and use of natural resources while promoting justifiable economic and social development."*

I am of the opinion that in terms of the above, my rights are being violated and I am therefore opposing the mining application in the strongest possible manner.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 15, 2018 10:00 AM  
**To:** 'Marianne Bilsland'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Marianne,

Received.

Thank you for completing the I&AP registration form.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Marianne Bilsland [mailto:marianne@fixeng.co.za]  
**Sent:** Friday, October 12, 2018 2:06 PM  
**To:** Mmakoena  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day

Registration as an I&AP attached.

Kindly confirm receipt

Regards

M Bilsland (Ms)

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, 05 October 2018 4:43 PM  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith notification (provided in English, Afrikaans and Sesotho) regarding a Mining Right application as well as the availability of the draft Scoping Report and details of the Open Day.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, November 8, 2018 3:39 PM  
**To:** 'Marianne Bilsland'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Marianne,

Thank you for your mail.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

1. I am an owner in Vaaloever and will be directly impacted in many negative instances by any mining activities that are proposed with this application.  
Noted.
2. Are you aware of any communities existing within the application area? Provide detail and possible contact details.  
There are many communities that will be affected. Details and contact details are available as per previous applications.  
Noted.
3. Are you aware of any tribal authorities within, or affected by, the proposed application?  
I am not qualified to comment on this and this should form part of the due diligence by Shango Solutions.  
Noted.
4. Are you aware of any other I&APs who need to be notified? Please provide their contact details.  
This should form part of the due diligence by Shango Solutions.  
Noted.
5. Please provide a description of receiving environment.  
This should form part of the due diligence by Shango Solutions.  
Noted.
6. Are you aware of any ;and developments (current or proposed) within the application area that may be relevant to the proposed mining operation?  
Not qualified to comment. This should form part of the due diligence by Shango Solutions.  
Noted.
7. Are you aware of any cultural or heritage features within the application area and surrounds?  
This should form part of the due diligence by Shango Solutions as I am not qualified to comment.  
Noted.
8. Please describe any biophysical and/or socio-economic impact that you believe should be considered during the study.  
Including by not limited to:
  - o Environment that will be harmful to my health and well-being.
  - o Depreciation of my property value.
  - o Negative influence on tourism.
  - o In order to assess the potential impacts on existing property values, the property context surrounding the site was first considered by the economic specialist. Secondly, the results of the other specialist studies were scrutinised for information on impacts that could lead to welfare changes reflected in property value effects. The key potential sources of negative impacts on property values are visual, air quality, noise and biodiversity impacts. The Economic Impact Assessment states that property values in any given area are significantly driven by demand for housing, which in turn, is directly linked to economic opportunities and jobs in the area. The project therefore has the potential to increase demand and associated values for housing and property. The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, noise, water quality and social measures) and enhance positive impacts would reduce impacts on property values.

- o According to the Economic Impact Assessment, visual, air quality, noise and water quality impacts combined with the loss of biodiversity are likely to be the key concerns for tourism. Sources of positive impacts would stem from increased potential for business-related visitors. The measures recommended in other specialist studies to minimise negative impacts (primarily visual, air quality, noise, water quality, biodiversity, rehabilitation and social measures) and enhance positive impacts would also reduce impacts on tourism. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks.
9. Please describe any measures you believe should be implemented to mitigate, manage, avoid or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.  
As I am a home owner that will be affected negatively by any mining activity due to the close proximity of my home. The only measure that should be taken is no mining activity whatsoever.  
Your suggestion is noted.
10. Do you have any specific concerns or objections to the proposed project?  
I have multiple concerns, least of which is that a pump house will be operational, creating unacceptable noise pollution approximately 200 m from my property.  
According to the Noise Baseline Assessment, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MMS weather data set was utilised on-site and the results show that the noise levels are within a permissible range. Mitigation measures were recommended to reduce noise impacts.

**General comments:**

Annexure to 'Interested and Affected Party Registration Form'  
FS 30/5/1/2/2/10048 EM

I refer to information received from Shango Solutions via email on 09/10/2019. I am not able to comment or verify a large portion of the document as it refers to legalese, acts and mining rights that, as a layman, I am not in a position to interpret or confirm. My property and my wellbeing will be directly affected by the proposed mining operation with regard to, but not limited to, the following information taken from the background information document: 'Application reference number: FS 30/5/1/2/2/10042 MR Goosebay Farm (Pty) Ltd Ltd (wholly owned by the Van Wyk Land Development Corporation (Pty) Ltd "VLDC" Group was withdrawn and then resubmitted as Monte Cristo Commercial Park (Pty) Ltd (wholly owned by the VLDC Group – to be empowered according to BEE requirements) reference number: FS 30/5/1/2/2/10048 MR.'

My personal view is that the above smacks of window dressing and I view the new application with utmost suspicion. A reason for the previous application being withdrawn is noted in the BID as: 'Unprecedented number of objections from I&APs due to the sensitivity of the mining footprint.' I fail to see what has significantly changed in the mining footprint which could possibly warrant a new application.

In addition to the above, a new application was warranted due to the (i) change of the Applicant in order to fulfil the Broad-Based Black Economic Empowerment requirements, (ii) change of the Environmental Assessment Practitioner, (iii) pre-application meeting with the Department of Water and Sanitation to determine a new mining footprint with minimal risks to water resources and (iv) meeting with the Local Municipality to align the associated Social and Labour Plan with the relevant Local Economic Development projects. The mining footprint has been reduced significantly due to the environmental sensitivities that were identified on site during the Scoping phase. Additional and more in-depth specialist studies will be carried out during the EIA phase. Depending on the outcome of these detailed studies, the mining footprint may be further reduced to avoid any additional environmental sensitivities, which may be identified on-site.

My property is situated on the Vaal River and was purchased solely for the peace and tranquility that the area offered. This particular stretch of the river allows me to enjoy the quietness of country living and experience the abundant birdlife, fish and animal life of the habitat that is associated with the river. My sport activity on the river is controlled and infrequent and I was fully aware that there would be water activity on the river when my property was purchased. Traffic noise is less than minimal. At the time of purchasing my property, there was no sign of mining activity. The proposed mining activity will cause noise pollution through the presence of noise generating infrastructure and activities. Due to the non-urban configuration of the area, noise travels far distances and will not be contained in the area demarcated for mining.

Kindly refer to point 10.

I object to the amount of time and effort to which I am subjected, in order to protect my rights.  
Noted.

Section 2(h) of the MPRDA, refers to the over-riding requirement for the application to be consistent with Section 24 of the Constitution, and which states: "Everyone has the right –(a) to an environment that is not harmful to their health or well-being; and (b) to have the environment protected, for the benefit of present and future generations, through reasonable legislative and other measures that – (i) prevent pollution and ecological degradation; (ii) promote conservation; and (iii) secure ecologically sustainable development and use of natural resources while promoting justifiable economic and social development."

I am of the opinion that in terms of the above, my rights are being violated and I am therefore opposing the mining application in the strongest possible manner.  
Your opinion and objection to the above mentioned project are noted.

Mining is important for economic development, to construct durable, modern structures, employment creation and revenue collection. The proposed site has previous sand mining activities, known to provide good quality silica sand to the local building industry. This type of sand is commonly utilised for cement and concrete in the construction of roads and buildings. Sand is also used for mortar and rendering of plastered walls. The project site is located

in the Ngwathe Local Municipality, and according to the municipality's Integrated Development Plan (2018-19), mining activities in the region are restricted, but are not limited, to the following:

- Gravel obtained from open cast pits for construction or road building purposes.
- Sand winning along the Vaal River (Parys vicinity).
- Alluvial diamonds in isolated locations of the Vaal River riparian.

Mining these products will ensure that no valuable mineral resources are sterilised and that the benefits of the resources available in the area are maximised.

Should you have any further queries in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
\*PS Co-ordinates: -26.151388 27.962913

**From:** Marianne Bilisland [mailto:marianne@fixeng.co.za]

**Sent:** Friday, October 12, 2018 2:06 PM

**To:** Mmakoena

**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za

**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day

Registration as an I&AP attached.

Kindly confirm receipt

Regards

M Bilisland (Ms)

**From:** Mmakoena <mmakoena@shango.co.za>

**Sent:** Friday, 05 October 2018 4:43 PM

( zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za

**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith notification (provided in English, Afrikaans and Sesotho) regarding a Mining Right application as well as the availability of the draft Scoping Report and details of the Open Day.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**

## Mmakoena

---

**From:** Bob Hartsliet <bobh@dullies.com>  
**Sent:** Friday, October 12, 2018 2:55 PM  
**To:** Zizo Siwendu  
**Cc:** Marlene Oosthuisen; jochen@shango.co.za; stefanie@shango.co.za; Renee de Jong Hartsliet; Pa; Arnold de Beer; Chris; Dina; Tertius; Warrin; Liz; schalk burger; mmakoena@shango.co.za; Craig Richardson  
**Subject:** Re: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

So Zizo—if we can show (which we can) that the DMR are INCAPABLE —(they simply don't have the resources) -of enforcing COMPLIANCE —could SHANGO---as the neutral party to all this— expand of your position on this aspect?

Further —how can SHANGO begin to process a mining license application —knowing full well that the land is presently zoned for Agricultural and that the NGWATE Development plan SPECIFICALLY “bans” mining in this DESIGNATED Tourist area and the Mac Sands Constitutional Court ruling on this issue? Would SHANGO not be complicit in aiding the applicant in breaking the law?

Regards  
BobH

On 12 Oct 2018, at 2:15 PM, Zizo Siwendu <[zizo@shango.co.za](mailto:zizo@shango.co.za)> wrote:

Dear Bob,

Thank you for your mail.

Compliance is the responsibility of the Applicant and License Holder. Enforcement of compliance is the responsibility of the DMR.

**Best regards,  
Zizo Siwendu.**

<image003.png>

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GPS Co-ordinates: -26.151388 27.962913

**From:** Bob Hartsliet [<mailto:bobh@dullies.com>]  
**Sent:** 12 October 2018 01:04 PM  
**To:** Zizo Siwendu  
**Cc:** Marlene Oosthuisen; [jochen@shango.co.za](mailto:jochen@shango.co.za); [stefanie@shango.co.za](mailto:stefanie@shango.co.za); Renee de Jong Hartsliet; Pa; Arnold de Beer; Chris; Dina; Tertius; Warrin; Liz; schalk burger; [mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)  
**Subject:** Re: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)



## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, October 12, 2018 4:17 PM  
**To:** 'Bob Hartsliel'  
**Cc:** 'Marlene Oosthuisen'; jochen@shango.co.za; stefanie@shango.co.za; 'Renee de Jong Hartsliel'; 'Pa'; 'Arnold de Beer'; 'Chris'; 'Dina'; 'Tertius'; 'Warrin'; 'Liz'; 'schalk burger'; mmakoena@shango.co.za; 'Craig Richardson'  
**Subject:** RE: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Dear Bob,

Thank you for your mail.

We are independent environmental consultants.

The client is in the process of applying for a Mining Right. At this stage, it is not known if the application will be successful. If the application is successful and the Mining Right is granted, the client will initiate the process of changing the zonation (which he has a right to), prior to commencing with mining under the Mining Right.

Best regards,  
Zizo Siwendu.



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GPS Co-ordinates: -26.151388 27.962913

**From:** Bob Hartsliel [mailto:bobh@dullies.com]  
**Sent:** 12 October 2018 02:55 PM  
**To:** Zizo Siwendu  
Marlene Oosthuisen; jochen@shango.co.za; stefanie@shango.co.za; Renee de Jong Hartsliel; Pa; Arnold de Beer; Chris; Dina; Tertius; Warrin; Liz; schalk burger; mmakoena@shango.co.za; Craig Richardson  
**Subject:** Re: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

So Zizo—if we can show (which we can) that the DMR are INCAPABLE —(they simply don't have the resources) -of enforcing COMPLIANCE  
—could SHANGO---as the neutral party to all this— expand of your position on this aspect?

Further —how can SHANGO begin to process a mining license application —knowing full well that the land is presently zoned for Agricultural  
and that the NGWATE Development plan SPECIFICALLY “bans” mining in this DESIGNATED Tourist area and the Mac Sands  
Constitutional Court ruling on this issue? Would SHANGO not be complicit in aiding the applicant in breaking the law?

Regards  
BobH

## Mmakoena

---

**From:** Bob Hartsliet <bobh@dullies.com>  
**Sent:** Sunday, October 14, 2018 11:20 AM  
**To:** Zizo Siwendu  
**Cc:** Marlene Oosthuisen; jochen@shango.co.za; stefanie@shango.co.za; Renee de Jong Hartsliet; Pa; Arnold de Beer; Chris; Dina; Tertius; Warrin; Liz; schalk burger; mmakoena@shango.co.za; Craig Richardson  
**Subject:** Re: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Zizo

Hi

We intend reminding you of your (Shango's) position as INDEPENDENT consultants on a regular basis>

*We are independent environmental consultants.*

Please just remember our Constitutional Rights with regards to the ENVIRONMENT.

We all have longstanding legitimate concerns — that are well documented —these concerns that are simply either ignored or the DMR are incapable of addressing and/or rectifying them —despite numerous meetings with them about their undertakings to address the transgressions.

All we ask is that as INDEPENDENT consultants you appraise yourselves of the history of the mines in the area and their lack of adherence to their mining plans and the lack of ability- of the DMR to address existing issues— and that you report as such.

We would suggest it would be both pointless and a reckless of SHANGO and a dereliction of that independent role you have you hand MORE responsibility to an entity that has demonstrated that they cannot manage the responsibilities they already have in the area. We expect this from Shango.  
thank you  
BobH

On 12 Oct 2018, at 4:17 PM, Zizo Siwendu <[zizo@shango.co.za](mailto:zizo@shango.co.za)> wrote:

Dear Bob,

Thank you for your mail.

We are independent environmental consultants.

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Monday, October 15, 2018 8:38 AM  
**To:** 'Bob Hartsliel'  
**Cc:** 'Marlene Oosthuisen'; jochen@shango.co.za; stefanie@shango.co.za; 'Renee de Jong Hartsliel'; 'Pa'; 'Arnold de Beer'; 'Chris'; 'Dina'; 'Tertius'; 'Warrin'; 'Liz'; 'schalk burger'; mmakoena@shango.co.za; 'Craig Richardson'; michael@vldc.co.za; info@vldc.co.za; mark@vldc.co.za  
**Subject:** RE: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Dear Bob,

Your mail is acknowledged, thank you.

Best regards,  
Zizo Siwendu.



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[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Bob Hartsliel [mailto:bobh@dullies.com]  
**Sent:** 14 October 2018 11:20 AM  
**To:** Zizo Siwendu  
**Cc:** Marlene Oosthuisen; jochen@shango.co.za; stefanie@shango.co.za; Renee de Jong Hartsliel; Pa; Arnold de Beer; Chris; Dina; Tertius; Warrin; Liz; schalk burger; mmakoena@shango.co.za; Craig Richardson  
**Subject:** Re: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Zizo

we intend reminding you of your (Shango's) position as INDEPENDENT consultants on a regular basis>

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All we ask is that as INDEPENDENT consultants you appraise yourselves of the history of the mines in the area and their lack of adherence to their mining plans and the lack of ability- of the DMR to address existing issues—

## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Sunday, October 14, 2018 3:54 PM  
**To:** 'Zizo Siwendu'; 'Gavin Aboud'; mmakoena@shango.co.za; koos@sutherlamb.co.za; 'Wimpy'  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; craigrichardson100@gmail.com; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaalower'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'Azwihangwisi Nemulodi'; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo,

Since I was copied on the correspondence, permit me please to refer to the above-mentioned application and to reply as follows:

I write on behalf of the Federation for a Sustainable Environment, a registered I&AP.

I now refer to the abovementioned notification. On the 6<sup>th</sup> of September 2018, you responded to our request for a copy of the Water Use License Application as follows: *"We haven't applied for the Water Use License at this stage. We only had a pre-application meeting with the Department of Water and Sanitation."* (Subjoined hereunder for your convenience.)

However, from the above notification, we now infer that you have applied, on behalf of your client, for an IWUL. Kindly supply us with a copy of the Application.

With reference to your response to Mr Aboud: You responded that you – on behalf of your client – have to *"meet deadlines"* hence your non-negotiable response to Mr Aboud regarding his request for a meeting at a time convenient for IAPs.

Permit us please to raise the following concern in this regard. (We kindly request that you include our comments and your responses in the Comments and Response Report.)

While we understand your eagerness to meet deadlines, the accelerated EIA may compromise the assessment of flora and fauna and biodiversity within the geographical area of influence. The influence of seasonality on detection of flora and fauna and evaluation of biodiversity, is well recognised worldwide. For example, within the Grassland Biome, most plant species and smaller fauna experience seasonal dormancy, whereas some avian species are migratory. At worst, if not conducted in appropriate seasons and for biologically relevant time periods, the EIA could under represent biodiversity by almost 95%. Assessment of hydrology requires a full hydrological cycle to encompass and assess ecosystem goods and services.

We therefore appeal to the decision makers not to grant an EA unless you, as the EAP, conduct an EIA on scientifically and ecologically sound principles, as mentioned above.

SUBJOINED:

From: Zizo Siwendu [mailto:zizo@shango.co.za]  
Sent: 06 September 2018 07:57 AM  
To: 'Mariette Liefferink' <mariette@pea.org.za>

Cc: jochen@shango.co.za; stefanie@shango.co.za

Subject: RE: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Dear Mariette,

Thank you for your mail.

We haven't applied for the Water Use License at this stage. We only had a pre-application meeting with the Department of Water and Sanitation. You will be provided with a copy of the Water Use License Application after we have lodged the application.

If you have any further queries in this regard, please do not hesitate to contact me.

Best regards,  
Zizo Siwendu.

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[f] +27 11 678 9731 [c] +27 76 859 2686

GPS Co-ordinates: -26.151388 27.962913

From: Mariette Liefferink [mailto:mariette@pea.org.za]

Sent: 05 September 2018 09:06 AM

To: 'Zizo Siwendu'

Cc: jochen@shango.co.za; stefanie@shango.co.za

Subject: RE: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Dear Zizo

I thank you for the notification

Please register the Federation for a Sustainable Environment as an interested and affected party.

Kindly supply us with electronic copies of the documents, pending their release. In the interim, kindly provide us with an electronic copy of the WULA in order for us to comment in a meaningful and intelligent manner. WULAs are public documents.

However, you are not agreeable to provide us with a copy of the WULA, please inform us timeously in order for us to request it from the DWS in terms of the provisions of the DWS' PAIA manual.

In this regard, we refer to the Department of Water and Sanitation's PAIA Manual. The WULAs are included amongst the class of records that are automatically available from the Department in terms of section 15 of PAIA. There is accordingly no need for the submission of a PAIA request in terms of section 18(1).

Here is a screenshot of the relevant page from the PAIA Manual for ease of reference.

Best Regards  
Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT  
TEL. (+27) 11 465 6910  
(+27) 73 231 4893  
Postnet Suite #113, Private Bag X153, Bryanston, 2021  
E-MAIL: mariette@pea.org.za

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 2, 2018 11:01 AM  
**To:** 'Mariette Liefferink'  
**Cc:** 'stefanie@shango.co.za'; 'jochen@shango.co.za'; 'azwihangwisi.mulaudzi@dmr.gov.za'; 'Mashudu Mulaudzi'; 'craigrichardson100@gmail.com'; 'thabo.moloi@outa.co.za'; 'pieter.hattingh@sibanyestillwater.com'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'Azwihangwisi Nemulodi'; 'mark@vldc.co.za'; 'michael@vldc.co.za'; 'info@vldc.co.za'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Dear Mariette,

Thank you for your mail.

As stated in Zizo's previous mail to, we haven't applied for the Water Use License at this stage. There are outstanding studies that are required for inclusion in the Water Use License Application. The Client is in the process of undertaking these studies. We will furnish you with a copy of the IWUL Application upon its availability during the EIA phase.

Assessments on fauna, flora and hydrology will not be compromised. The specialists are well aware that these must be conducted over a full cycle and the studies will be conducted on scientifically and ecologically sound principles.

Should you have any further concerns in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



Tel: +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Mariette Liefferink [mailto:mariette@pea.org.za]  
**Sent:** Sunday, October 14, 2018 3:54 PM  
**To:** 'Zizo Siwendu'; 'Gavin Aboud'; mmakoena@shango.co.za; koos@sutherlamb.co.za; 'Wimpy'  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; craigrichardson100@gmail.com; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'Azwihangwisi Nemulodi'; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo,

## Mmakoena

---

**From:** Paul Kgole <paulkg@vodamail.co.za>  
**Sent:** Monday, October 15, 2018 6:25 AM  
**To:** 'Mmakoena'  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Gavin Aboud'; 'Chris Campbell'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Mmakoena

Thank you for yours and Sizo CV's.

You have not included your professional membership and registration with the relevant professional bodies and tutoring councils.

Please note this information is critical as it provide guarantee and public comfort that you are bound by professional Code of Conduct and Duty of Care.

In as much as contractors are registered with CIDB and NHBRC in this country professionals must also be registered with the relevant bodies and councils.

Kind regards

**PAUL KGOLE PrQS**

0848235971

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 08 October 2018 04:00 PM  
**To:** paulkg@vodamail.co.za  
zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Gavin Aboud'; 'Chris Campbell'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day Paul,

Thank you for your mail.

Your comments are well noted.

As requested, please find attached mine and Zizo Siwendu's Curricula Vitae indicating our qualifications and experience.

It is our job as environmental consultants to provide expert independent assessments and advisory services for our clients.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 2, 2018 9:42 AM  
**To:** 'Paul Kgole'  
**Cc:** 'zizo@shango.co.za'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'; 'Gavin Aboud'; 'Chris Campbell'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Paul,

Thank you for your mail.

Kindly note that according to Regulation 13 (1) of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) Environmental Impact Assessment (EIA) (2014) Regulations, the general requirements of an Environmental Assessment Practitioner (EAP) are as follows:

13. (1) An EAP and a specialist, appointed in terms of Regulation 12(1) or 12(2), must—
- (a) be independent;
  - (b) have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, these Regulations and any guidelines that have relevance to the proposed activity;
  - (c) ensure compliance with these Regulations;
  - (d) perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the application;
  - (e) take into account, to the extent possible, the matters referred to in Regulation 18 when preparing the application and any report, plan or document relating to the application; and
  - (f) disclose to the proponent or applicant, registered interested and affected parties and the competent authority all material information in the possession of the EAP and, where applicable, the specialist, that reasonably has or may have the potential of influencing—
    - (i) any decision to be taken with respect to the application by the competent authority in terms of these Regulations; or
    - (ii) the objectivity of any report, plan or document to be prepared by the EAP or specialist, in terms of these Regulations for submission to the competent authority; unless access to that information is protected by law, in which case it must be indicated that such protected information exists and is only provided to the competent authority.

Should the EAP fail to comply with the above mentioned requirements, then the Competent Authority may disqualify the EAP according to Regulation 14 of the NEMA EIA (2014) Regulations.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**



## Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.952913

**From:** Paul Kgole [mailto:paulkg@vodamail.co.za]  
**Sent:** Monday, October 15, 2018 6:25 AM  
**To:** 'Mmakoena'  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Gavin Aboud'; 'Chris Campbell'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Mmakoena

Thank you for yours and Sizo CV's.

You have not included your professional membership and registration with the relevant professional bodies and statutory councils.

Please note this information is critical as it provide guarantee and public comfort that you are bound by professional Code of Conduct and Duty of Care.

In as much as contractors are registered with CIDB and NHBRC in this country professionals must also be registered with the relevant bodies and councils.

Kind regards

**PAUL KGOLE PrQS**  
0848235971

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 08 October 2018 04:00 PM  
**To:** paulkg@vodamail.co.za  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Gavin Aboud'; 'Chris Campbell'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day Paul,

Thank you for your mail.

Your comments are well noted.

As requested, please find attached mine and Zizo Siwendu's Curricula Vitae indicating our qualifications and experience.

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Monday, October 15, 2018 10:02 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

**From:** Marlene Oosthuisen [mailto:marlene@kruppeng.co.za]  
**Sent:** 09 October 2018 01:13 PM  
**To:** 'Zizo Siwendu'; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Renee de Jong Hartsliet'; 'Pa'; 'Arnold de Beer'; 'Bob'; 'Chris'; 'Dina'; 'Tertius'; 'Warrin'; 'Liz'; 'schalk burger'  
**Subject:** RE: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Good day Zizo,

I am Abrie Hanekom, the representative of the Hanekom Trust. We are totally against any form of mining in the area for the following reasons -

1. The miners do not keep their promises and break the law on many occasions
2. The tar roads are not build to carry heavy vehicles at all
3. The miners do not keep to the specified working hours
4. The dust pollution are unbearable and are not controlled
5. The trucks blocks the entrances to private property daily
6. The Fauna and Flora of the area are permanently damaged
7. Bird species are dying and leaving the area due to the dust pollution
8. The Vaal river are also polluted and fish are dying
9. The area are not zoned for mining
10. The water table are decreasing
11. The mining are conducted next to a town
12. The value of our properties are decreasing and we need to be compensated to recover our losses
13. No rehabilitation are done to the affected areas

**PLEASE CONFIRM RECEIPT OF E-MAIL.**

Regards

*AJ Hanekom*  
073 449 2006

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 06 September 2018 07:30  
**To:** 'Zizo Siwendu' <zizo@shango.co.za>; 'Sampie van Rooyen' <svr@envmgp.com>  
**Cc:** 'Renee de Jong Hartsliet' <renee@bundunet.com>; 'Pa' <sampie@monswario.co.za>; 'Abrie Hanekom' <marlene@kruppeng.co.za>; 'Arnold de Beer' <nolsdebeer@gmail.com>; 'Bob' <bobh@dullies.com>; 'Chris' <chrisc@cesa.co.za>; 'Dina' <dina.henstock@gmail.com>; 'Tertius' <tertiusw@gmail.com>; 'Warrin' <warrinf@gmail.com>; 'Liz' <liz.tuxx@gmail.com>; 'schalk burger' <0826534281@vodamail.co.za>  
**Subject:** RE: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, October 12, 2018 11:19 AM  
**To:** 'Marlene Oosthuisen'; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Renee de Jong Hartsliet'; 'Pa'; 'Arnold de Beer'; 'Bob'; 'Chris'; 'Dina'; 'Tertius'; 'Warrin'; 'Liz'; 'schalk burger'; mmakoena@shango.co.za  
**Subject:** RE: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Dear Marlene,

Thank you for your mail.

Your objection and reasons thereof are noted. Responses to your comments are written in **red** font colour:

1. The miners do not keep their promises and break the law on many occasions  
Noted.
2. The tar roads are not build to carry heavy vehicles at all  
A traffic impact assessment has been undertaken in support of the Mining Right Application and the findings will be included in the final Scoping Report that will be made available to the public for review, in due course. In addition, consultation with the Free State Department of Police, Roads and Transport will be undertaken during the EIA phase of the project in order to initiate a long-term road maintenance plan, to ensure the availability of a road network to transport workers and mined product, should the Mining Right be granted by the DMR.
3. The miners do not keep to the specified working hours  
Noted. The Environmental Management Programme Report (EMPR, which is legally binding to the Applicant) that will be compiled for this project, during the EIA phase, will specify working hours and days for the operation of the mine. Interested and Affected Parties have the right to report any areas of non-compliance to the decision-making authority (the DMR) if the mine does not operate according to the conditions of the EMPR.
4. The dust pollution are unbearable and are not controlled  
The implementation of an effective dust suppression and control plan will be included as a condition in the EMPR.
5. The trucks blocks the entrances to private property daily  
The EMPR will recommend that a traffic management plan be established by the Applicant in order to prevent blockages. In addition, a 4 lane access road is proposed as part of the Mining Right application process, in order to manage traffic, should the Mining Right be granted by the DMR.
6. The Fauna and Flora of the area are permanently damaged  
Noted.
7. Bird species are dying and leaving the area due to the dust pollution  
The implementation of an effective dust suppression and control plan will be included as a condition in the EMPR.
8. The Vaal river are also polluted and fish are dying  
Noted. The EMPR will categorically state that no untreated waste water must be pumped into the Vaal River.
9. The area are not zoned for mining  
Noted. According to the Zoning Certificate for the three affected properties, the area is zoned for agriculture. However, other permitted uses include shops, business premises, dwelling houses, residential buildings, places of worship, places of instruction and farming. Upon granting of the Mining Right, the Applicant will engage with the local Authority and apply for consent to include mining as an additional permitted use.
10. The water table are decreasing

A preliminary groundwater has been undertaken as part of the Scoping phase and the findings are included in the Scoping Report. A more detailed groundwater assessment will be conducted during the EIA phase and mitigation measures will be included in the EMPR to be compiled for this project.

11. The mining are conducted next to a town  
According to the Mine, Health and Safety Act, (Act 29 of 1996, as amended) a 100 m bufferzone must be maintained between a mine any existing infrastructure. This bufferzone has been considered in the proposed mine plan layout.
12. The value of our properties are decreasing and we need to be compensated to recover our losses  
An economic impact assessment has been undertaken as part of the Scoping phase and the findings are included in the Scoping Report (including the impact on the property values). A more detailed economic impact assessment will be conducted during the EIA phase and mitigation measures will be included in the EMPR for this project.
13. No rehabilitation are done to the affected areas  
A Closure application that is currently underway is addressing this.

**Best regards,  
Zizo Siwendu.**



[t] +27 11 678 6504 [w] www.shango.co.za  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Mariene Oosthuisen [mailto:marlene@kruppeng.co.za]  
**Sent:** 09 October 2018 01:13 PM  
**To:** 'Zizo Siwendu'; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Renee de Jong Hartsliet'; 'Pa'; 'Arnold de Beer'; 'Bob'; 'Chris'; 'Dina'; 'Tertius'; 'Warrin'; 'Liz'; 'schalk burger'  
**Subject:** RE: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Good day Zizo,

I am Abrie Hanekom, the representative of the Hanekom Trust. We are totally against any form of mining in the area for the following reasons -

1. The miners do not keep their promises and break the law on many occasions
2. The tar roads are not build to carry heavy vehicles at all
3. The miners do not keep to the specified working hours
4. The dust pollution are unbearable and are not controlled
5. The trucks blocks the entrances to private property daily
6. The Fauna and Flora of the area are permanently damaged
7. Bird species are dying and leaving the area due to the dust pollution
8. The Vaal river are also polluted and fish are dying
9. The area are not zoned for mining
10. The water table are decreasing
11. The mining are conducted next to a town
12. The value of our properties are decreasing and we need to be compensated to recover our losses
13. No rehabilitation are done to the affected areas

**KINDLY CONFIRM RECEIPT OF E-MAIL.**

## Mmakoena

---

**From:** Sampie van Rooyen <svr@envmgp.com>  
**Sent:** Monday, October 15, 2018 10:09 AM  
**To:** Mmakoena  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Hi,

I am struggling to locate the downloadable document.

What is the name of the document?

Regards,



**S.E. VAN ROOYEN**  
Director: Managing & Environmental Assessment Practitioner & Ecologist  
(MSE, Cond Sci; Nat. 116654; IAIA Reg No. 5931)  
**ENVIRONMENTAL MANAGEMENT GROUP**  
*Specialists in Environmental Management  
Integrating Industry and Infrastructure with the Environment*

**Tel:** +27 51 412 6350  
+27 83 678 3032  
**Fax:** +27 51 412 6351  
**Email:** svr@envmgp.com  
**Postal Address:**  
P.O. Box 37473,  
Langenhoven Park 9330

**From:** Mmakoena  
**Sent:** Monday, October 15, 2018 8:40 AM  
**To:** 'Sampie van Rooyen'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good morning Sampie,

My apologies for the late response.

I was out of the office from Tuesday to Friday last week.

I'm assuming you have already seen that the Draft Scoping Report has been uploaded onto the website for public review?

May you have a lovely day further.

Regards,

**Mmakoena Mmola**

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, October 15, 2018 10:20 AM  
**To:** 'Sampie van Rooyen'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good morning,

Please find below a link to the report.

<http://www.shango.co.za/public-documents/pure-source-mine/>

The name of the document is Pure Source Mine Draft Scoping Report.

If you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Sampie van Rooyen [mailto:svr@envmgrp.com]  
**Sent:** Monday, October 15, 2018 10:09 AM  
**To:** Mmakoena  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Hi,

I am struggling to locate the downloadable document.

What is the name of the document?

Regards,

## Mmakoena

---

**From:** Chris Campbell <chrisc@cesa.co.za>  
**Sent:** Monday, October 15, 2018 12:57 PM  
**To:** Mariette Liefferink; 'Zizo Siwendu'; 'Gavin Aboud'; mmakoena@shango.co.za; koos@sutherlamb.co.za; 'Wimpy'  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; craigrichardson100@gmail.com; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'Azwihangwisi Nemulodi'; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo

Further to the concerns raised by Mariette and other IAP's, whilst we understand that it is the prerogative of the company Shango Solutions to accept and undertake business related to providing professional services to your Clients, it would be remiss of us not to remind you that individual competent registered Professional Practitioners with either the Council for Natural Sciences or the Engineering Council of South Africa who are commissioned to undertake such work are expected to provide such services based on independence and thorough adherence to codes of professional conduct and prevailing environmental legislation. Should such individuals not uphold such requirements, they do face the risk of transgressing the codes of conduct that are required of such Registered Professional Built Environment Practitioners.

Kind Regards

Chris Campbell  
Interested and affected Party

**From:** Mariette Liefferink [mailto:mariette@pea.org.za]  
**Sent:** Sunday, 14 October 2018 3:54 PM  
**To:** 'Zizo Siwendu' <zizo@shango.co.za>; 'Gavin Aboud' <gavinaboud@vodamail.co.za>; mmakoena@shango.co.za; koos@sutherlamb.co.za; 'Wimpy' <wimpyermelo@djvr.co.za>  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi' <Mashudu.Mulaudzi@dmr.gov.za>; craigrichardson100@gmail.com; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaaloewer' <marlene@kruppeng.co.za>; 'Bob' <bobh@dullies.com>; Chris Campbell <chrisc@cesa.co.za>; 'Dina' <dina.henstock@gmail.com>; 'liz' <liz.tuxx@gmail.com>; 'Louis Kruger' <krugerskroon@gmail.com>; 'Renee' <renee@bundunet.com>; 'Tertius' <tertiusw@gmail.com>; 'warrin' <warrinf@gmail.com>; 'Azwihangwisi Nemulodi' <Azwihangwisi.Nemulodi@dmr.gov.za>; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo,

Since I was copied on the correspondence, permit me please to refer to the above-mentioned application and to reply as follows:

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Tuesday, October 16, 2018 6:58 AM  
**To:** 'Zizo Siwendu'; mmakoena@shango.co.za  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; craigrichardson100@gmail.com; 'Mariette Liefferink'; thabo.moloi@outa.co.za; 'Mariette Liefferink'; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'Azwihangwisi Nemulodi'; mark@vlDC.co.za; michael@vlDC.co.za; info@vlDC.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day Zizo,

I hope you are well?

Your mail below refers.

I am well aware that you have deadlines, but you cannot make us the balancing factor in your little equation. You see given your inefficiencies, and lack of planning, we must suffer. This is not acceptable. This amounts to constructive obstruction of the process. I am sorry if this gives you more work but that is unfortunate. Do what you must do but change the date to a Saturday.

Should you fail to do so I will go to the press and petition the DMR.

I will note that you are actively obstructing the process, and using all means to negate and effectively neutralise the ability of 1396 objectors to voice their concerns, Please do not worry about confusing IAPS, I will handle that matter. That is a lame excuse.

Kind Regards

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment





## Mmakoena

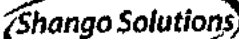
---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, October 16, 2018 8:14 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: INTERESTED AND AFFECTED PARTY REGISTRATION FORM  
**Attachments:** 20181016085732516.pdf

**From:** Scholtz, Carl (C) [mailto:carl.scholtz@natref.com]  
**Sent:** 16 October 2018 08:02 AM  
**To:** zizo@shango.co.za  
**Cc:** gavinaboud@vodamail.co.za  
**Subject:** INTERESTED AND AFFECTED PARTY REGISTRATION FORM

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# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                         |                |  |
|--|-------------------------|----------------|--|
| Name                                   | Carl Scholtz            | EAP            | Shango Solutions                             |
| Address                                | 186 Hadida Street       | Contact person | Ms Zizo Siwendu                              |
|  | Vaalower                | Address        | P.O Box 2591<br>Cresta<br>2118               |
| Landowner/Lawful occupier/Organisation | Landowner               | Project        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 0836304619              | Tel no.        | 011 678 6504                                 |
| Email                                  | carl.scholtz@natref.com | Email          | zizo@shango.co.za                            |

Organisation and/or property description  
(If landowner/ lawful occupier)

Residential

Please state your interest in the proposed project (you are welcome to add additional pages if required):

I object to any mining activity that is planned in an area of high eco-tourism and located in close proximity to a UNESCO World Heritage Site and a National water resource namely the Vaal River.

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Land owner

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes, Vaalower, Lidequesdrift, Parys

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

No

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Vaalower Rate payers association

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.;

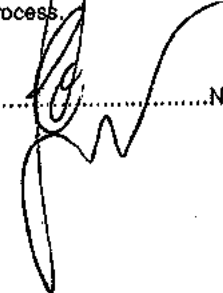
That's your job.  
In principle its residential and farming and high eco-tourism establishments along the banks of the Vaal River

**Concerns**

Notwithstanding the above mentioned objection, I also have serious concerns in how the consultant and through its specialist studies will assess and evaluate the potential direct, indirect, cumulative impacts and opportunity costs of this application on the natural environment, tourism and eco-tourism in the area and that how will the EMP guarantee the elimination and or minimising of these impacts.

Furthermore the previous EAP appointed by the proponent could not reasonably defend nor motivate the response to the above objection and concerns- what will make Shango Solutions contribution any different?

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed..........Name..... CC SETHOZI .....Date..... 16/10/2018 .....

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, November 6, 2018 5:52 PM  
**To:** 'Scholtz, Carl (C)'  
**Cc:** gavinaboud@vodamail.co.za; mmakoena@shango.co.za  
**Subject:** RE: INTERESTED AND AFFECTED PARTY REGISTRATION FORM

Dear Carl,

Thank you for your mail.

Please see our responses in red.

I object to any mining activity that is planned in an area of high-ecotourism and located in close proximity to a UNESCO World Heritage Site and a National Water resource, namely the Vaal River.

Your objection to the above mentioned project is noted.

Based on the specialist studies undertaken in support of this application, the proposed application area does not overlap with, nor will it impact upon any formally protected area. We are required by the relevant legislation to maintain a 5 km buffer from protected areas. The edge of the crater of the Vredefort Dome, a UNESCO World Heritage Site, is ~8 km to south-west of the site. As such, it will not be negatively affected by this application. In addition, a 100 m buffer, as per legislation, has been delineated from watercourses within the application area, including the Vaal River.

Notwithstanding the above mentioned objection, I also have serious concerns on how the consultant and through specialist studies will assess and evaluate the potential direct, indirect, cumulative impacts and opportunity costs of this application on the natural environment, tourism and ecotourism in the area and that how will the EMP guarantee the elimination and or minimising of these impacts.

The impact assessment methodology utilised to assess and evaluate the potential direct, indirect, cumulative impacts on the natural environment, tourism and ecotourism, is guided by the requirements of the NEMA 2014 EIA Regulations (as amended). The broad approach to the significance rating methodology is to determine the environmental risk (ER) by considering the consequence (C) of each impact (comprising Nature, Extent, Duration, Magnitude, and Reversibility) and relate this to the probability/likelihood (P) of the impact occurring. This determines the environmental risk. In addition, other factors including cumulative impacts, public concern, and potential for irreplaceable loss of resources, are used to determine a prioritisation factor (PF) which is applied to the ER to determine the overall significance (S). The EAP and specialists appointed for this project have experience in carrying out similar studies in support of Mining Right applications.

Furthermore, the previous EAP appointed by the proponent could not reasonably defend nor motivate the response to the above objection and concerns-what will make Shango Solutions' contribution any different?

We cannot comment on the previous EAP. We have provided you with responses to your concerns and we take note of your objection. Should you have any further questions in this regard, please do not hesitate to contact me.

**Best regards,  
Zizo Siwendu.**



[t] +27 11 678 6504 [w] www.shango.co.za  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Scholtz, Carl (C) [mailto:carl.scholtz@natref.com]  
**Sent:** 16 October 2018 08:02 AM  
**To:** zizo@shango.co.za

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, October 16, 2018 9:36 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Message from KMBT\_283  
**Attachments:** SKMBT\_28318101609130.pdf

**From:** Lang, Christo [mailto:clang1@wesbank.co.za]  
**Sent:** 16 October 2018 09:28 AM  
**To:** zizo@shango.co.za  
**Cc:** Gavin Aboud; Dina Henstock  
**Subject:** FW: Message from KMBT\_283

Hi

Wyd asseblief aangeheg my registrasievorm as Belanghebbende en Geaffekteurde Partye in Pure source mine.

By Voorbaat dank.

Chris Lang

**From:** clang@fnb.co.za [mailto:clang@fnb.co.za]  
**Sent:** Tuesday, October 16, 2018 9:13 AM  
**To:** Lang, Christo <clang1@wesbank.co.za>  
**Subject:** Message from KMBT\_283

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# REGISTRASIEVORM VIR BELANGHEBBENDE EN GEAFFEKTEERDE PARTYE



## PURE SOURCE MINE AANSOEK OM MYNREG EN AANSOEK OM 'N GEÏNTEGREERDE OMGEWINGSMAGTIGING

Hierdie vorm dien vir die registrasie van Belanghebbende en Geaffekteerde Partye (B&GPs) vir bogenoemde projek en het ten doel om bydraes en deelname te werf. Hierdie vorm sal ingedien word by die bevoegde owerhede vir oorweging in die proses van besluitneming.

|                  |                             |                                      |                                 |
|------------------|-----------------------------|--------------------------------------|---------------------------------|
| <b>Naam</b>      | <b>Christo Lang</b>         | <b>Adres/Adres van die Grondseer</b> | <b>Shango Solutions</b>         |
| <b>Telefoon</b>  | <b>Plot 19</b>              | <b>Kleinfontein</b>                  | <b>Me. Zizo Siwendu</b>         |
| <b>Woonadres</b> | <b>Oorbietjiesfontein</b>   |                                      |                                 |
|                  | <b>Lindequesdrif</b>        |                                      |                                 |
|                  |                             |                                      | <b>Posbus 2591</b>              |
|                  |                             |                                      | <b>Cresta</b>                   |
|                  |                             |                                      | <b>2118</b>                     |
| <b>Grondseer</b> | <b>Grondseer / bewoner</b>  | <b>Grondseer</b>                     | <b>Pure Source Mine</b>         |
|                  |                             |                                      | <b>(FS 30/5/1/2/2/10048 MR)</b> |
| <b>Telefoon</b>  | <b>016 987-7932</b>         | <b>Telefoon</b>                      | <b>011 678 6504</b>             |
| <b>E-pos</b>     | <b>Clang1@wesbank.co.za</b> | <b>E-pos</b>                         | <b>zizo@shango.co.za</b>        |

Organisasie en/of eiendomsbeskrywing  
(Indien grondeienaar/wettige bewoner)

Kleinhoewe

Meld asseblief hier as u geïnteresseerd is in die projek (u kan gerus ekstra bladsye aanheg as dit nodig is):

Ek is geïnteresseerd in die projek.

Verleen asseblief u samewerking deur die vrae hieronder te beantwoord. Hierdie reaksies sal gebruik word in die Omvangsbepalingsverstagproses. Heg gerus meer bladsye aan indien verels.

Is u die grondeienaar of wettige bewoner van die gebied waarop die aansoek van toepassing is?

Grondeienaar en wettige bewoner

Is u bewus van enige gemeenskappe wat op die betreffende gebied woon? Indien wel, verskaf asb. inligting en enige kontakbesonderhede.

Is u bewus van enige stamouderiteite binne (of wat geaffekteer word deur) die gebied waarvoor aansoek gedoen word? Indien wel, verskaf asb. inligting en enige kontakbesonderhede.

Is u bewus van enige ander B&GPs wat ook in kennis gestel moet word? Indien wel, verskaf asb. die inligting en enige kontakbesonderhede.

Verskaf asb. inligting oor die omgewing (benutting van die grond, soos landbou, beweidings, ens.; en ook die tipe begroeiing, topografiese eienskappe, infrastruktuur, sensitiewe flora en fauna, ens.). Is u bewus van enige ontwikkeling van die grond (huidig of voorgestel) in die area waarvoor aansoek gedoen word én wat van belang mag wees vir die voorgestelde mynbewerking?

Is u bewus van enige kultuur- of erfenisvoorkomste in die gebied waarvoor aansoek gedoen word, of rondom die gebied? Indien wel, gee asb. volle besonderhede.

Gee asb. die besonderhede van enige biofisiese en/of sosio-ekonomiese impak wat u voorstel wat in aanmerking geneem moet word tydens die projek.

Gee asb. 'n beskrywing van enige maatreël wat u dink geneem moet word om die verwagte biofisiese en sosio-ekonomiese impak van die voorgestelde aktiwiteit te versag, bestuur, verhoed of op te los.

Het u enige spesifieke kommentaar, opmerkings of beswaar teen die beoogde projek? Indien wel, verskaf asb. die volledige besonderhede.

Algemene opmerkings:

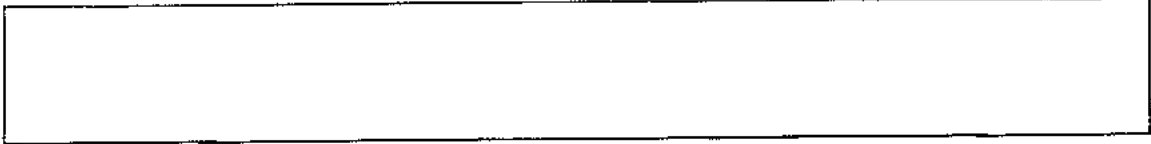
Ons sit met die skaars "Groot bek Geelvis" wat besig is om uit te sterf. Ons het Vis Arende in ons omgewing. Die aktiwiteite sal die spesies wat uitsterf nog verder skade aan doen. Ons het ook 'n groot aantal toeriste wat die vakansie oorde besoek met die aktiwiteite (geraas en water besoedeling) sal die bedrywe groot skade aan doen word. Meeste mense het op die plote kom bly as gevolg van siektes die groot persentasie stof wat die myne al reeds vrystel het al baie mense siek begin maak. Indien dit reën gaan die afspoel in die rivier in soveel chemicaliee en sediment in ons rivier in sit.

Ons lê op die grens van die Vredefort koepel, a.g.v. dit het ons 'n groot aantal toeriste wat in ons area by vakansie oorde kom bly om die natuur verskynsel te kom besoek. En die myn sal groot skade daar aan doen.

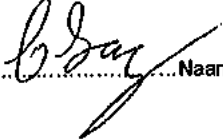
Ons sit met 'n groot informele nedersetting in die area as gevolg van die besighede in die area. Die myne sal groot skade aan die besighede doen as gevolg van die besighede wat meestal van die natuur afhanklik is. Wat 'n groot impak op die informele vestiging sal he wat op die ou eiende misdaad ook sal bevorder a.g.v. die naaste polisie stasie wat so ver weg is.

Moet nie die myn toe laat nie.

Ja ek het beswaar teen die voorgestelde myn want dit sal 'n negatiewe impak op ons area; natuurskoon, rivier en lug besoedeling. Dit sal ook die mens en dier se gesondheid beïnvloed.



Hiermee word u respektvol deur Shango Solutions versoek om hierdie skrywe te onderteken en terug stuur na Shango Solutions, volgens die kontakbesonderhede wat verskaf is. Dit is om te bevestig dat u die kennisgewing ontvang het betreffende die bogenoemde, maar ook om te verseker dat u kommentaar, kommer en u insette geroteer kan word. Alle kommentare, vrae en sorges moet ons bereik deur middel van hierdie B&GP-registrasievorm en -vraelys, of via alternatiewe metodes. Neem asseblief kennis dat slegs geregistreerde B&GPs ingesluit sal word in enige toekomstige korrespondensie betreffende hierdie aansoek om mynreg en aansoek om 'n geïntegreerde omgewingsmagtigings proses.

Geteken.....  ..... Naam CHRIS LANG ..... Datum 16/10/2018



## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 12, 2018 3:10 PM  
**To:** 'clang1@wesbank.co.za'  
**Cc:** zizo@shango.co.za  
**Subject:** FW: Message from KMBT\_283

Liewe Christo,

Dankie vir u pos en vir die invul van die Registrasie vorm van die Belanghebbende en Geaffekteerde Party (B&GP).

Sien asseblief ons antwoorde (in rooi) op die kommentaar wat u verskaf het in die registrasievorm

- Ek is geïnteresseerd in die projek.  
Opgemerkt.
- Grondeienaar en wettige bewoner.  
Opgemerkt.
- Ons sit wet die skaars "Groot bek Geelvis" wat besig is om uit te sterf. Ons het Vis Arende in ons omgewing. Die aktiwiteite sal die spesies wat uitsterf nog verder skade aan doen. Ons het ook 'n groot aantal toeriste wat die vakansie oorde besoek met die aktiwiteite (geraas en water besoedeling) sal die bedrywe groot skade aan doen word. Meeste mense het op die plote kom bly as gevolg van siektes die groot persentasie stof wat die myne al reeds vrystel het al baie mense siek begin maak. Indien dit reën gaan die afspoel in die rivier in soveel chemiese en sediment in ons rivier in sit.

Daar word opgemerk dat die voorgestelde projek 'n negatiewe uitwerking op die akwatiese lewe kan hê. As sodanig is die volgende versagtingsmaatreëls voorgestel om negatiewe impakte op riviersekologie te verminder:

- Onderhoud van buffersone na veldende en oewersone.
- Ontwerp en implementering van stormwaterbestuursplanning en passiewe vuilwaterreineringsprosesse.

Let asseblief daarop dat alfa-kwarts (silika) konsentrasies gemodelleer en geassesseer sal word teen internasionale gesondheidsondersoekskriteria tydens die volledige luggehalte-impakbepaling, wat tydens die Omgewingsimpakstudie-fase van hierdie projek onderneem sal word. Beperkingsmaatreëls soos (i) beperking van versteurde gebiede en (ii) effektiewe stofonderdrukking is voorgestel om stof te verminder. Bykomende versagtingsmaatreëls sal tydens die omgewingsimpakstudie (OIE) -fase van hierdie projek aanbeveel word in die Omgewingsbestuursprogram (OBPR).

Volgens die lugkwaliteitspele sal die rivier ingesluit word in die beoordeling van stofafval-impak. Daar moet kennis geneem word dat silika-stof stegs skadelik is wanneer dit ingesam word en nie skadelik is as dit in die rivier opkom nie.

Ons is op die grens van die Vredefort koepel, a.g.v. dit het ons 'n groot aantal toeriste wat in ons area by vakansie oorde kom bly om die natuur verskynsel te kom besoek. En die myn sal groot skade daar aan doen.

U kommentaar word opgemerk.

- Ons sit met 'n groot informele nedersetting in die area as gevolg van die besighede in die area. Die myne sal groot skade aan die besighede doen as gevolg van die besighede wat meestal van die natuur afhandel is. Wat 'n groot impak op die informele vestiging sal he wat op die ou eiende misdaad ook sal bevorder a.g.v. die naaste polisie stasie wat so ver weg is.

Opgemerkt. Op grond van die Sosio-ekonomiese Impakstudie word verstaan dat 'n instroming van werkers en werksoekers na 'n gebied (of die inwoners in diens is, of buitestaanders in diens is) die veiligheidsrisiko's in die plaaslike omgewing kan verhoog en 'n impak kan hê op die plaaslike maatskaplike dinamika. Waar moontlik sal die Aansoeker plaaslike arbeid binne die omliggende dorpe opspoor. As sodanig sal daar nie 'n behoefte wees vir arbeiders om na die terrein te verskuif nie. Arbeiders sal daagliks na en van die perseel vervoer word. Indien inwoners in diens geneem word, kan dit die waargenome en werklike risiko in hierdie verband verminder. Volgens die Maatskaplike en Arbeidsplan sal die Pure Source Mine toepaslike werknemersverblyf fasiliteer wat werknemers sal toelaat om in 'n stabiele, gesonde en veilige omgewing binne pendelafstand van hul werkplek te woon.

- Moet nie die myn toe laat nie.  
U voorstel is opgemerk.

- aek het beswaar teen die voorgestelde myn want dit sal 'n negatiewe impak op ons area; natuurskoon, rivier en lug besoediling. Dit sal ook die mens en diere se gesondheid beïnvloed.
- U beswaar teen die voorgestelde projek en die redes daarvoor is goed opgemerk.

Best regards,

Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** Tuesday, October 16, 2018 9:36 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Message from KMBT\_283

**From:** Lang, Christo [mailto:clang1@wesbank.co.za]  
**Sent:** 16 October 2018 09:28 AM  
**To:** zizo@shango.co.za  
**Cc:** Gavin Aboud; Dina Henstock  
**Subject:** FW: Message from KMBT\_283

Hi

Vind asseblief aangeheg my registrasievorm as Belanghebbende en Geaffekteerde Partye in Pure source mine.

By Voorbaat dank.

Chris Lang

**From:** clang@fnb.co.za [mailto:clang@fnb.co.za]  
**Sent:** Tuesday, October 16, 2018 9:13 AM  
**To:** Lang, Christo <clang1@wesbank.co.za>  
**Subject:** Message from KMBT\_283

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## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, October 16, 2018 10:23 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: 'English Registration Form mine objection.docx'  
**Attachments:** English Registration Form mine objection.docx

**From:** Ancie [mailto:earthazurite@gmail.com]  
**Sent:** 16 October 2018 09:55 AM  
**To:** zizo@shango.co.za  
**Cc:** gavinaboud@vodamail.co.za  
**Subject:** 'English Registration Form mine objection.docx'

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# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                        |                       |  |
|---|------------------------|-----------------------|--|
| <b>Name</b>                                   | Ansle Juul             | <b>EAP</b>            | Shango Solutions                             |
| <b>Address</b>                                | Heaven in Vaal         | <b>Contact person</b> | Ms Zizo Siwendu                              |
|   | Diamond Cove           | <b>Address</b>        | P.O Box 2591                                 |
|   | Vaalower               |                       | Cresta<br>2118                               |
| <b>Landowner/Lawful occupier/Organisation</b> | Lawful occupier        | <b>Project</b>        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0823257484             | <b>Tel no.</b>        | 011 678 6504                                 |
| <b>Email</b>                                  | earthazurite@gmail.com | <b>Email</b>          | zizo@shango.co.za                            |

Organisation and/or property description  
(if landowner/ lawful occupier)

Heaven on Vaal  
Self-catering accommodation

Please state your interest in the proposed project (you are welcome to add additional pages if required):

I am concerned about pollution, water and air, destruction of fauna and flora and rehabilitation of the site.

**Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.**

|   |     |
|---|-----|
| Are you a land owner or legal land occupier within the application area?  | Yes |
| Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.   | No  |
| Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.   | No  |
| Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.   | No  |
| Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)? |     |

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

**General Comments:**

I am an average citizen and not an expert in the above matters. However, I can definitely predict that this operation will effect the natural habitat of many bird, plant and animal species resulting in a massive drop of tourist numbers. Areas like this is decreasing tremendously and should rather be used for educational purposes, walking trails, etc

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed... A E JUUL.....Name ANNA E JUUL..Date.....2018:10:16

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 9, 2018 11:23 AM  
**To:** 'earthazurite@gmail.com'  
**Cc:** 'Zizo Siwendu'; mark@vlfdc.co.za; michael@vlfdc.co.za; info@vlfdc.co.za; mader@skets.co.za; stefanie@shango.co.za  
**Subject:** RE: 'English Registration Form mine objection.docx'

Dear Ansie,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our responses in red.

I am concerned about pollution, water and air, destruction of fauna and flora and rehabilitation of the site.

1. Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. In addition, the Environmental Management Programme (EMPR) will categorically state that no untreated waste water must be pumped into the Vaal River.
2. According to the Groundwater assessment undertaken in support of this application, potential impacts on groundwater anticipated during the operational phase include (i) a decline in water quality due to excavation of the sand and the wash plant facility as well as (ii) potential contamination of aquifers as a result of hydrocarbon spillage. The groundwater sampled on-site currently shows no negative impacts associated with the historical mining activities on the Farm Goosebay or at the neighbouring sand mine operations.
3. The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality as well as noise impacts. Additional mitigation measures have been proposed and these are included in the relevant specialist reports.
4. The Terrestrial Biodiversity assessment identified the potential loss of habitat for Species of Conservation Concern (SCC) (based on the National Biodiversity Areas Plan) and the loss of areas of high biodiversity (based on the Free State Critical Biodiversity Areas Plan). However, further investigation will be made during the Environmental Impact Assessment phase.
5. Rehabilitation, from the mining industry perspective, means the disturbed areas will adhere to a pre-determined plan or fulfill a function that is sustainable and usable. It recognises that extraction of a resource will occur and that the original topography will be altered. The basic requirements for rehabilitation is to construct a stable, safe and functioning environment post mining. This can be achieved through various methods but in this case the end land use will be an eco and wildlife estate. The intention is not to restore the original topography, but to sculpt the mined areas to facilitate various ecological habitats. This may include dams and wetlands in the depressions that will be beneficial within the estate's vision. In order to ensure rehabilitation of the site upon completion of the mining activities, an estimated amount of R 14 821 429 (LoM) Excl. VAT will be set aside for rehabilitation and closure.

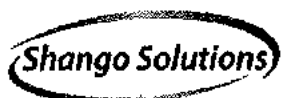
I am an average citizen and not an expert in the above matters. However, I can definitely predict that this operation will affect the natural habitat of many plant and animal species resulting in a massive drop of tourist numbers. Areas like this is decreasing tremendously and should rather be used for educational purposes, walking trails, etc.

Noted. According to the Economic Impact Assessment, visual, air quality, noise and water quality impacts combined with the loss of biodiversity are likely to be the key concerns for tourism. Sources of positive impacts would stem from increased potential for business-related visitors. The measures recommended in other specialist studies to minimise negative impacts (primarily visual, air quality, noise, water quality, biodiversity, rehabilitation and social measures) and enhance positive impacts would also reduce impacts on tourism. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks.

The envisaged end land use is to develop the farm portions as an eco-estate with residential and hospitality facilities on the banks of the Vaal River.

Regards,

Mmakoena Mmola



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## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, October 16, 2018 10:24 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** SHANGO SOLUTIONS English Registration Form.docx  
**Importance:** High

**From:** Heaven on Vaal [mailto:heavenonvaal@telkomsa.net]  
**Sent:** 16 October 2018 09:54 AM  
**To:** zizo@shango.co.za  
**Cc:** gavinaboud@vodamail.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Importance:** High

Hi Zizo

Herewith my registration form in this regard.

Should you require any further information please do not hesitate to call.

Kind Regards  
Lynne  
HEAVEN ON VAAL  
[www.heavenonvaal.co.za](http://www.heavenonvaal.co.za)  
[heavenonvaal@telkomsa.net](mailto:heavenonvaal@telkomsa.net)  
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# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                           |                       |   |
|---|---------------------------|-----------------------|---|
| <b>Name</b>                                   | Lynne Temlett             | <b>EAP</b>            | Shango Solutions                          |
| <b>Address</b>                                | Heaven on Vaal            | <b>Contact person</b> | Ms Zizo Siwendu                           |
|   | 1 Diamond Cove            | <b>Address</b>        | P.O Box 2591                              |
|   | Vaaloewer                 |                       | Cresta                                    |
|   | Vanderbijlpark            |                       | 2118                                      |
| <b>Landowner/Lawful occupier/Organisation</b> | Owner                     | <b>Project</b>        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 083 785 7051              | <b>Tel no.</b>        | 011 678 6504                              |
| <b>Email</b>                                  | heavenonvaal@telkomsa.net | <b>Email</b>          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

Heaven on Vaal  
Self Catering Apartments

Please state your interest in the proposed project (you are welcome to add additional pages if required):

The rehabilitation is of utmost importance & we need to have sight of the legal financial deposit required for the process & confirmation that this will be held in trust for this purpose. I am very concerned about the negative impact this will have on the surrounding areas eg. the job losses which will not be made up by the company employing all the local staff who will lose their jobs in these areas due to this. Water pollution, Air pollution. More crime. Tourism will definitely be affected & thus all activities & businesses linked to tourism & jobs in this industry will be hugely negatively affected. It is without question that the fauna & flora will be a huge issue too.

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

YES

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Please can you provide us with a description of the receiving

environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

General Comments:

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|  |
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Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future

correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed... L TEMLETT ...Name... LYNNE TEMLETT.....Date 16<sup>th</sup> October 2018.....

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 5, 2018 11:29 AM  
**To:** 'heavenonvaal@telkomsa.net'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Lynne,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our response in red. The comment you provided in the registration form is highlighted in yellow.

The rehabilitation is of utmost importance and we need to have sight of the legal financial deposit required for the process as well as confirmation that this will be held in trust for this purpose. I am very concerned about the negative impact this will have on the surrounding areas eg. Job losses which will not be made up by the company employing all the local staff who will lose their jobs in these areas due to this, water pollution, air pollution and more crime. Tourism will definitely be affected and thus all activities and businesses linked to tourism and jobs in this industry will be hugely negatively affected. It is without question that the fauna & flora will be a huge issue too.

Your comment is noted. Rehabilitation, from the mining industry perspective, means the disturbed areas will adhere to a pre-determined plan or fulfill a function that is sustainable and usable. It recognises that extraction of a resource will occur and that the original topography will be altered. The basic requirements for rehabilitation are to construct a stable, safe and functioning environment post mining. This can be achieved through various methods but in this case, the end land use will be an eco-and wildlife estate. The intention is not to restore the original topography, but to sculpt the mined areas to facilitate various ecological habitats.

According to the Financial Provision Regulations, an Applicant or Holder of a permit or right must determine and make financial provision to guarantee the availability of sufficient funds for the rehabilitation and remediation of adverse environmental impacts to the satisfaction of the Minister responsible for Mineral Resources. As such, an amount will be set aside for rehabilitation and closure for this project. A permit or right can only be granted once the Applicant makes the legal financial deposit. Kindly note that this legal financial deposit will be retained by the Competent Authority as guarantee as opposed to being utilised for rehabilitation. Should the Applicant successfully rehabilitate the land and successfully obtain a Closure Certificate over the Mining Right area, then the Applicant will reclaim the legal financial deposit made prior to granting of the right by the Competent Authority. However, should the Applicant not rehabilitate the Mining Right area, then the Applicant stands to forfeit this legal financial deposit.

Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the watercourses within the application area, including the Vaal River. In addition, the Environmental Management Programme (EMPR) will categorically state that no untreated waste water must be pumped into the Vaal River. According to the Groundwater assessment undertaken in support of this application, potential impacts on groundwater anticipated during the operational phase include, *inter alia*, a decline in water quality. The groundwater sampled on-site currently shows that there are no negative impacts associated with the historical mining activities on the Farm Goosebay or at the neighbouring sand mine operations.

It is understood that an influx of workers and jobseekers to an area (whether locals are employed, or outsiders are employed) could increase the safety risks in the local area and have an impact on the local social dynamics. Should locals be employed, it could minimise the perceived and actual risk in this regard. Pure Source Mine will facilitate suitable employee accommodation that will allow employees to reside in a stable, healthy and secure environment within commuting distance from their place of work.

According to the Economic Impact Assessment, visual, air quality, noise and water quality impacts combined with the loss of biodiversity are likely to be the key concerns for tourism. Sources of positive impacts would stem from increased potential for business-related visitors. The measures recommended in other specialist studies to minimise negative impacts (primarily visual, air quality, noise, water quality, biodiversity, rehabilitation and social measures) and enhance positive impacts would also reduce impacts on tourism. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks. The envisaged end land use is to develop the farm portions as an eco-estate with residential and hospitality facilities on the banks of the Vaal River.

Based on the terrestrial biodiversity assessment undertaken in support of this application, open pit mining and site clearance for infrastructure and associated access roads may result in the loss of habitat for species of conservation concern as well as the displacement, direct mortalities and disturbance of the faunal community. The biodiversity specialist has recommended mitigation measures to minimise impacts on fauna, which include, but are not limited to, (i) avoiding high biodiversity sensitivity areas and

complying with prescribed buffer zones as well as (ii) implementing training to ensure that all staff are aware of faunal sensitivity. Impacts on flora may include the loss of plant species of conservation importance and the encroachment of alien invasive plant species. Mitigation measures have been proposed by the relevant specialist and are included in the terrestrial biodiversity assessment and draft Scoping Report.

Should you have further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:[zizo@shango.co.za](mailto:zizo@shango.co.za)]

**Sent:** Tuesday, October 16, 2018 10:24 AM

[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)

**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

**Importance:** High

**From:** Heaven on Vaal [mailto:[heavenonvaal@telkomsa.net](mailto:heavenonvaal@telkomsa.net)]

**Sent:** 16 October 2018 09:54 AM

**To:** [zizo@shango.co.za](mailto:zizo@shango.co.za)

**Cc:** [gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)

**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

**Importance:** High

Hi Zizo

Herewith my registration form in this regard.

Should you require any further information please do not hesitate to call.

Kind Regards

Lynne

HEAVEN ON VAAL

[www.heavenonvaal.co.za](http://www.heavenonvaal.co.za)

[heavenonvaal@telkomsa.net](mailto:heavenonvaal@telkomsa.net)

083 785 7051

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## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, October 16, 2018 10:29 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Sand mine objections - Vaal oewer.pdf

**From:** van Rensburg, Jacques [mailto:jacques.van.rensburg@merck.com]  
**Sent:** 16 October 2018 09:49 AM  
**To:** zizo@shango.co.za  
**Cc:** gavinaboud@vodamail.co.za  
**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Proprietary

Dear Shango Solutions

Please register my objections to the proposed mine anywhere close to the Vaal river.

Please note that I will not be able to attend the next meeting as set out in previous mail, however as an affected party and a representative of other affected parties, I request that all correspondence (including meeting agenda's and minutes) in this regard be forwarded to me.

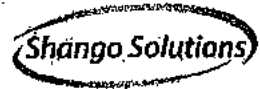
Regards

**Jacques van Rensburg**  
Marketing Manager  
**MSD Animal Health**  
[jacques.van.rensburg@merck.com](mailto:jacques.van.rensburg@merck.com)  
T Local: 0861 838 838  
Direct: +27 (11) 923-9378  
F: +27 (11) 392-3158  
C: 072 617-5951  
[msd-animal-health.co.za](http://msd-animal-health.co.za)

**From:** vaaloewer@googlegroups.com [mailto:vaaloewer@googlegroups.com] **On Behalf Of** Gavin Aboud  
**Sent:** 16 October 2018 07:23 AM  
**To:** Mariette Liefferink; craigrichardson100@gmail.com; Sampie van Rooyen; thabo.moloi@outa.co.za; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; Iiz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

EXTERNAL EMAIL – Use caution with any links or file attachments.  
Good Day All,

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |  |                |  |
|--|--|----------------|--|
| Name                                   |  | EAP            | Shango Solutions                             |
| Address                                |  | Contact person | Ms Zizo Siwendu                              |
|  |  | Address        | P.O Box 2591                                 |
|  |  |                | Cresta<br>2118                               |
| Landowner/Lawful occupier/Organisation |  | Project        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        |  | Tel no.        | 011 678 6504                                 |
| Email                                  |  | Email          | zizo@shango.co.za                            |

Organisation and/or property description  
(if landowner/ lawful occupier)

*Houses & Land for development*

Please state your interest in the proposed project (you are welcome to add additional pages if required):

*Land & Property owner.*

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Land and property owner

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes. I'm part of the Vaalqewer community (all residence), as well as the surrounding communities.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

*(Empty box with diagonal line)*

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

*(Empty box with diagonal line)*

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

The environment includes the following: farming and game grazing areas, various topographical features and developed infrastructures.

*(Handwritten signature)*



Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Yes, numerous new housing and business developments are currently being planned and build in Vaalower residential area.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

See below:

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.


This area that includes all land, residential properties and farms in close proximity to the Vaal river water resource is to be protected. Water and the use of it should be protected as it remains one of the most valuable life giving resource we don't have enough of

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

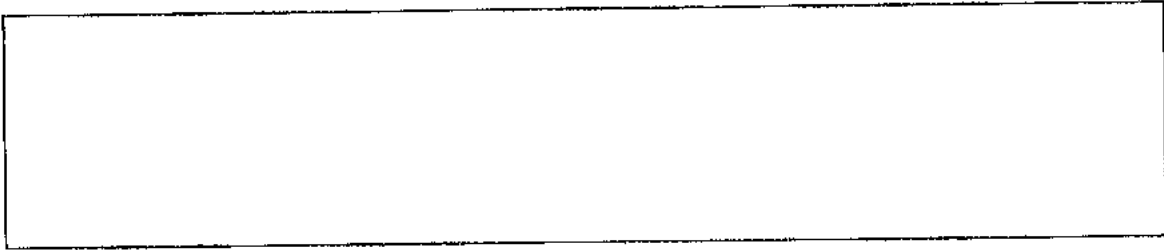
- The dust will be a problem for all in Vaalower. We have strong winds here. It has long ago been proved that silica dust can cause lung problems and lung cancer.
- Our beautiful view over the river will be spoilt
- The noise of the machinery will be disturbing the calm environment and chase all bird life away.
- The polluted water they have used will probably end up in the river, the very place we get our drinking water from. It may also affect the underground water for those who have boreholes.
- The values of our properties will fall, especially those with views over the farm.
- Workers in Vaalower may lose their jobs if their employers close their businesses.
- The sand must be kept wet 24 hours a day, and there will be noise pollution due to the continuous pumping of the Pump Station. This noise will also disturb the natural wildlife and birds
- The mine will be only meters away from the Water Plant purification inlet, which is already struggling to supply clean water to Vaalower as well as the adjoining informal settlement.
- The tourist industry is a major source of revenue for the area and ensures jobs. This will have a negative effect should the aesthetic view as well as the quality of the river water negatively impact on the fish life.

General Comments:

[Empty box for general comments]







Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed

Name

Jacques v. Denbowe

Date

16/10/2018



## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 5, 2018 11:17 AM  
**To:** 'jacques.van.rensburg@merck.com'  
**Cc:** 'Zizo Siwendu'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Jacques,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

1. Are you aware of any communities existing within the application area? Provide detail and possible contact details.  
Yes. I am part of the Vaaloewer community (all residence) as well as the surrounding communities.  
Noted.
2. Please provide a description of receiving environment.  
The environment includes the following: farming and game grazing areas, various topographical features and developed infrastructures.  
Noted.
3. Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?  
Yes. Numerous new housing and business developments are currently being planned and built in the Vaaloewer residential area.  
Noted.
4. Please describe any measures you believe should be implemented to mitigate, manage, avoid or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.  
This area that includes all land, residential properties and farms in close proximity to the Vaal river water resource is to be protected. Water and the use of it should be protected as it remains one of most valuable life giving resource we don't have enough of.  
Your suggestion is noted.
- Specific concerns:
  - The dust will be a problem for all in Vaaloewer. We have strong winds here. It has long ago been proved that silica dust can cause lung problems and lung cancer.  
  
Noted. Alpha quartz (silica) concentrations will be modelled and assessed against international health screening criteria during the full air quality impact assessment to be undertaken during the Environmental Impact Assessment (EIA) phase of this project. In addition, dust fallout, inhalable particulate concentrations as well as inhalable silica concentrations will be quantified and dispersion modelling simulations undertaken to estimate ambient pollutant concentrations and dust fallout. Ambient pollutant concentrations will depend on the area being mined, the wind direction and level of activity.
  - Our beautiful view over the river will be spoilt.  
Your comment is noted.
  - The noise, of the machinery will be disturbing the calm environment and chase all bird life away.  
Potential sources of noise (such as machinery) will be quantified and included in the noise source inventory and noise propagation simulations during the noise impact assessment phase of the study.
  - The polluted water they have used will probably end up in the river, the very place we get our drinking water from. It may also affect the underground water for those who have boreholes.

Noted. Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. In addition, the Environmental Management Programme (EMPR) will categorically state that no untreated waste water must be pumped into the Vaal River. According to the Groundwater assessment undertaken in support of this application, potential impacts on groundwater anticipated during the operational phase include (i) a decline in water quality due to excavation of the sand and the wash plant facility as well as (ii) potential contamination of aquifers as a result of hydrocarbon spillage. The groundwater sampled on-site currently shows no negative impacts associated with the historical mining activities on the Farm Goosebay or at the neighbouring sand mine operations.

- The values of our properties will fall, especially those with views over the farm.  
Your comment is duly noted. In order to assess the potential impacts on existing property values, the property context surrounding the site was first considered by the economic specialist. Secondly, the results of the other specialist studies were scrutinised for information on impacts that could lead to welfare changes reflected in property value effects. The key potential sources of negative impacts on property values are visual, air quality, noise and biodiversity impacts. The Economic Impact Assessment states that property values in any given area are significantly driven by demand for housing, which in turn, is directly linked to economic opportunities and jobs in the area. The project therefore has the potential to increase demand and associated values for housing and property. The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, noise, water quality and social measures) and enhance positive impacts would reduce impacts on property values.
- Workers in Vaaloewer may lose their jobs if their employers close their businesses.  
According to the Social Impact Assessment, it is understood that the proposed project will promote job creation within the local area.
- The sand must be kept wet 24 hours a day, and there will be noise pollution due to the continuous pumping of the Pump Station. This noise will also disturb the natural wildlife and birds.  
Your suggestion is duly noted. Kindly refer to the third bullet point for our response on noise pollution.
- The mine will be only metres away from the Water Plant purification Inlet, which is already struggling to supply clean water to Vaaloewer as well as the adjoining informal settlement.  
Could you kindly provide us with the GPS co-ordinates or location of the water plant purification inlet?

The tourist industry is a major source of revenue for the area and ensures jobs. This will have a negative effect should the aesthetic view as well as the quality of the river water negatively impact on the fish life.

Noted. According to the Economic Impact Assessment, visual, air quality, noise and water quality impacts combined with the loss of biodiversity are likely to be the key concerns for tourism. Sources of positive impacts would stem from increased potential for business-related visitors. The measures recommended in other specialist studies to minimise negative impacts (primarily visual, air quality, noise, water quality, biodiversity, rehabilitation and social measures) and enhance positive impacts would also reduce impacts on tourism. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks. The envisaged end land use is to develop the farm portions as an eco-estate with residential and hospitality facilities on the banks of the Vaal River. As previously stated, no waste water will be pumped into the Vaal River, thus minimising potential impacts on fish life.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:[zizo@shango.co.za](mailto:zizo@shango.co.za)]

**Sent:** Tuesday, October 16, 2018 10:29 AM

**To:** [mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)

**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, October 16, 2018 3:19 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: INTERESTED AND AFFECTED PARTY REGISTRATION FORM Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (F  
**Attachments:** scan1056.pdf

**From:** Willie de Beer [mailto:Willie@bingo.co.za]  
**Sent:** 16 October 2018 02:57 PM  
**To:** Zizo@shango.co.za  
**Cc:** Gavin Aboud; Gavin Aboud  
**Subject:** INTERESTED AND AFFECTED PARTY REGISTRATION FORM Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30

Good day Zizo,

Please see attached **INTERESTED AND AFFECTED PARTY REGISTRATION FORM**

Thank you

Regards

Willie de Beer

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# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                    |                       |   |
|---|--------------------|-----------------------|---|
| <b>Name</b>                                   | Willie de Beer     | <b>EAP</b>            | Shango Solutions                          |
| <b>Address</b>                                | 75 Vaaloewer lane  | <b>Contact person</b> | Ms Zizo Siwendu                           |
|   | Vaaloewer          | <b>Address</b>        | P.O Box 2591                              |
|   |                    |                       | Cresla                                    |
|   |                    |                       | 2118                                      |
| <b>Landowner/Lawful occupier/Organisation</b> | Landowner          | <b>Project</b>        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0739216975         | <b>Tel no.</b>        | 011 678 6504                              |
| <b>Email</b>                                  | Willie@bingo.co.za | <b>Email</b>          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

Owner of a house/property in Vaaloewer

Please state your interest in the proposed project (you are welcome to add additional pages if required):

I and my family have huge concerns on the impact this new project will have on the environment and the surrounding areas, the Vaal River is already under massive pressure due to pollution and environmental problems. This project will have a negative impact on the individuals living in the area.

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Yes - Land Owner

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes - this project will impact on Vaaloewer, lindequesdrit, informal settlement and the surrounding area  
0739216975

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

No.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

No.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.;

Sections of this area are grass lands with natural bushveld, we then have the River area's with huge trees and a very sensitive River Banks  
Sections have old massive trees and rocky areas, very unique environment

*[Handwritten signature]* Willie de Beer 16 Oct 2018

vegetation; topographical features; Infrastructure; sensitive flora/fauna)?  
 Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

No.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

No.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

No.

There are variance communities living in the area, we live in Vaalower which will completely change should a mining license be granted  
 This will have an impact of our health and wellness due to pollution from the mining activities - the pollution will be air, water, land and noise  
 There will be a huge impact on property value as well, with mining activities in our area this impact will be negative on the value and popularity of our houses and properties

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

The project has to be stopped, current examples has shown that mining will have a huge negative impact on the environment and the people living in that area will pay the price  
 This area should be protected in its current form with NO mining activities

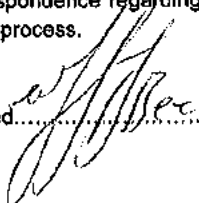
Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

This project will add massive additional pressure on the environment, especially on the Vaal River which is already having huge problems  
 The dust, area, land and noise pollution will be massive and this will have a negative impact on the environment and people's health  
 Again, this will also impact negatively on our property values, the mining company will become rich and we will all suffer for it, from the animals in the area to the people living here

**General Comments:**

If this project is approved the people and the environment will be negatively impacted, and the damage will not be fixed in our lifetime

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name W. M. McBeir Date 16 Oct 2018

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, November 21, 2018 1:20 PM  
**To:** 'Willie@bingo.co.za'  
**Cc:** 'Zizo Siwendu'  
**Subject:** RE: INTERESTED AND AFFECTED PARTY REGISTRATION FORM Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (F

Dear Willie,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

- I and my family have huge concerns on the impacts this new project will have on the environment and the surrounding areas, the Vaal River is already under massive pressure due to pollution and environmental problems. This project will have a negative impact on the individuals living in the area.  
Your concerns are duly noted.
- Are you aware of any communities existing within the application area? Provide detail and possible contact details.  
Vaaloeuer, Lindequesdrift, informal settlements.  
Noted.
- Please provide a description of receiving environment.  
Sections of this area are grasslands with natural bushveld. We then have the rivers areas with huge trees and very sensitive river banks. Sections have old massive trees and rocky areas, very unique environment.  
Noted.
- Please describe any biophysical and/or socio-economic impacts that you believe should be considered during the study.  
There are variance communities living in the area. We live in Vaaloeuer which will completely change should a mining license be granted. This will have an impact on health and wellness due to pollution from the mining activities-the pollution will be air, water, land and noise. There will be a huge impact on property value as well. With mining activities in our area, this impact will be negative on the value and popularity of our houses and property.  
Your comments are noted.

  - Health and wellness**  
Ambient particulate and gaseous concentrations due the mining operations will be assessed in the air quality assessment during the Environmental Impact Assessment (EIA) phase of the project in order to determine impacts on human health.
  - Air pollution**  
The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality as well as noise impacts. Additional mitigation measures have been proposed and these are included in the relevant specialist reports.
  - Water pollution**  
According to the Groundwater assessment undertaken in support of this application, potential impacts on groundwater anticipated during the operational phase include (i) a decline in water quality due to excavation of the sand and the wash plant facility as well as (ii) potential contamination of aquifers as a result of hydrocarbon spillage. The groundwater sampled on-site currently shows no negative impacts associated with the historical mining activities on the Farm Goosebay or at the neighbouring sand mine operations.  
  
Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. No untreated waste water and/or effluent will be discharged into the Vaal River as it will be managed in a closed system wherein contact water will be separated from non-contact water as per the Requirements of the National Environmental Management Act (NEMA). Water utilised during the sand washing process will be recycled back to the wash plant for re-use.
  - Land pollution**  
In order to minimise general pollution of the environment, good housekeeping will be included as a condition in the Environmental Management Programme Report.

- **Noise pollution**

Based on the Noise Baseline Assessment, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. The following mitigation measures have been recommended in order to minimise noise impacts:

- Maintain vehicles and equipment in good working order.
- Provide noise berms where possible between activities and receptors.
- Conduct noise monitoring in response to noise complaints.

- **Property values**

In order to assess the potential impacts on existing property values, the property context surrounding the site was first considered by the economic specialist. Secondly, the results of the other specialist studies were scrutinised for information on impacts that could lead to welfare changes reflected in property value effects. The key potential sources of negative impacts on property values are visual, air quality, noise and biodiversity impacts. The Economic Impact Assessment states that property values in any given area are significantly driven by demand for housing, which in turn, is directly linked to economic opportunities and jobs in the area. The project therefore has the potential to increase demand and associated values for housing and property. The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, noise, water quality and social measures) and enhance positive impacts would reduce impacts on property values.

5. Please describe any measures you believe should be implemented to mitigate, manage, avoid or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.  
The project has to be stopped. Current examples have shown that mining will have a huge negative impact on the environment and the people living in that area will have to pay the price. This area should be protected in its current form with NO mining activities.  
Your suggestion is noted.
6. Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?  
This project will add massive additional pressure on the environment; especially on the Vaal River which is already have huge problems. The dust, area, land and noise pollution will be massive and this will have a negative impact on the environment and people's health. Again, this will also impact negatively on our property values, the mining company will become rich and we will have to suffer for it, from the animals in the area to the people living there.  
Your comments are noted. Kindly refer to point 4 as it addresses the concerns you raised above. We will reiterate that no untreated waste water and/or effluent will be discharged into the Vaal River.
7. General comments:  
If this project is approved, the people and the environment will be negatively impacted and the damage will not be fixed in our lifetime.  
Your comment is duly noted.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:[zizo@shango.co.za](mailto:zizo@shango.co.za)]

**Sent:** Tuesday, October 16, 2018 3:19 PM

**To:** [mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)

**Subject:** FW: INTERESTED AND AFFECTED PARTY REGISTRATION FORM Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (F

**From:** Willie de Beer [mailto:[Wille@bingo.co.za](mailto:Wille@bingo.co.za)]

**Sent:** 16 October 2018 02:57 PM

**To:** [Zizo@shango.co.za](mailto:Zizo@shango.co.za)

**Cc:** Gavin Aboud; Gavin Aboud

**Subject:** INTERESTED AND AFFECTED PARTY REGISTRATION FORM Notification Regarding an Application for an



## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, October 16, 2018 3:54 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Mr Errol White - 109 Riverview Cresent, Vaaloewer  
**Attachments:** img20181016\_15390688.pdf

-----Original Message-----

**From:** Mr Gutter Accounts [mailto:accounts@mrgutter.co.za]  
**Sent:** 16 October 2018 03:49 PM  
**To:** zizo@shango.co.za  
**Cc:** gavinaboud@vodamail.co.za  
**Subject:** Mr Errol White - 109 Riverview Cresent, Vaalbewer

Good Day,

I hope you are well  
Please see attached documentation

Kind Regards,

Shereen Heyns  
Bookkeeper  
Mr Gutter / Gutterco  
011 462 8282

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                    |                       |   |
|---|--------------------|-----------------------|---|
| <b>Name</b>                                   | Errol White        | <b>EAP</b>            | Shango Solutions                          |
| <b>Address</b>                                | 109 Riverview Cres | <b>Contact person</b> | Ms Zizo Siwendu                           |
|   | Vaalower           | <b>Address</b>        | P.O Box 2591                              |
|   |                    |                       | Cresta                                    |
|   |                    |                       | 2118                                      |
| <b>Landowner/Lawful occupier/Organisation</b> | Resident           | <b>Project</b>        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0823347007         | <b>Tel no.</b>        | 011 678 6504                              |
| <b>Email</b>                                  | erroljw@msn.com    | <b>Email</b>          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

|                      |
|----------------------|
| Residential property |
|----------------------|

Please state your interest in the proposed project (you are welcome to add additional pages if required):

|  |
|--|
| I'm opposed to any defacing of ground in our vicinity causing unsightly dust, noise and water pollution. |
|--|

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

|            |
|------------|
| Land owner |
|------------|

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

|  |
|--|
|  |
|--|

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

|  |
|--|
|  |
|--|

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

|  |
|--|
|  |
|--|

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; Infrastructure; sensitive flora/fauna)?

|  |
|--|
|  |
|--|

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

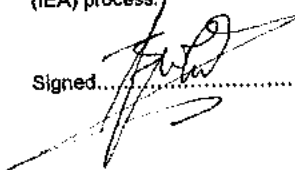
Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

|  |
|--|
|  |
|  |
|  |
|  |
|  |

General Comments:

Please go and do your mining where it doesn't affect the neighbouring communities.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name ERROL J. WHITE D18.10.2018

## Mmakoena

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, November 19, 2018 10:21 AM  
**To:** 'erroljw@msn.com'; 'accounts@mrgutter.co.za'  
**Cc:** zizo@shango.co.za  
**Subject:** FW: Mr Errol White - 109 Riverview Cresent, Vaaloewer



FW: Mr Errol  
White - 109 Rive...

Good morning,

Thank you for your mail and for completing the Interested and Affected Party registration form.

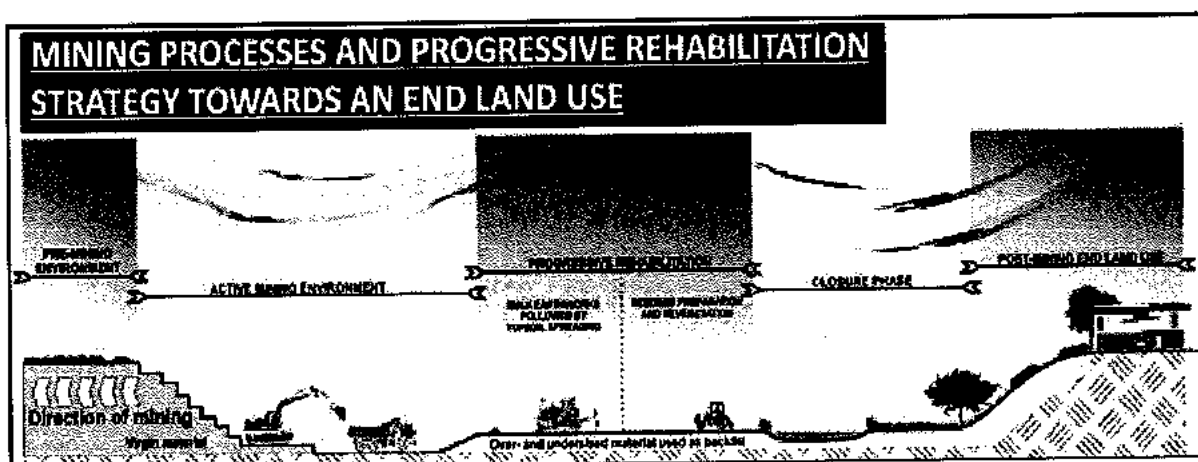
Please see our responses in red.

I am opposed to any defacing of ground in our vicinity causing unsightly dust, noise and water pollution.

Your objection is noted.

The mining activities will alter the topography of the mining area. Thereafter, rehabilitation of the disturbed environment will take place. Rehabilitation will be conducted in a progressive manner. Progressive rehabilitation involves a phased approach in which bulk earthworks, fine grading and re-vegetation will directly follow the pit mining activity, based on a year-on-year mining plan. Mining under this Mining Right will involve the excavation of open pit areas, of varying sizes and depths. Prior to commencement of mining, topsoil will be removed from the area demarcated for mining and stockpiled next to the pit for the purpose of rehabilitation. Once the resources in a certain pit have been mined-out, over-and undersized material will be utilised for backfilling, followed by topsoil spreading, and subsequent seedbed preparation and re-vegetation. Some of the excavated pits or depressions will be developed into artificial wetlands, as the intention isn't to restore the original topography, but to sculpt the mined areas to construct various ecological habitats.

The post-mining end land use will be an eco-and wildlife estate, ranging in various functions from resort and entertainment facilities, housing, agriculture as well as conservation.



Based on the Air Quality Baseline Assessment, the impact on air quality due to mining is usually up to a distance of 5 km from the emitting source. However, without measures being implemented, the impacts from mines can reach further depending on the terrain, wind speed and properties of the material mined. The impact also depends largely on what sources of emissions are present at the mine site and the throughput of material. For example, if material is transported via haul roads there will be greater emissions than if it were conveyed. Mitigation measures have been proposed to minimise impacts on air quality.

The extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. The following mitigation measures have been proposed to minimise noise impacts:

- Maintain vehicles and equipment in good working order.
- Provide noise berms where possible between activities and receptors.
- Conduct noise monitoring in response to noise complaints.
- Operators of mobile machinery and truck drivers should be reminded not to speed, to limit noise generation.

Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. In addition, the Environmental Management Programme (EMPR) will categorically state that no untreated waste water must be pumped into the Vaal River. According to the Groundwater assessment undertaken in support of this application, potential impacts on groundwater anticipated during the operational phase include (i) a decline in water quality due to excavation of the sand at the wash plant facility as well as (ii) potential contamination of aquifers as a result of hydrocarbon spillage. The groundwater sampled on-site currently shows no negative impacts associated with the historical mining activities on the Farm Goosebay or at the neighbouring sand mine operations.

Please go and do your mining where it doesn't affect the neighbouring communities.  
Your statement is noted.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

+27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Tuesday, October 16, 2018 6:20 PM  
**To:** 'Gavin Aboud'; 'Zizo Siwendu'; mmakoena@shango.co.za  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; craigrichardson100@gmail.com; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'Azwihangwisi Nemulodi'; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo

FSE, a key stakeholder in this application, will not be in the position to participate in the meeting on the 24<sup>th</sup>. We kindly request a focus group meeting with you as the EAP and the Applicant on the 28<sup>th</sup> of October 2018 (Monday) at our offices in Fourways, Sandton.

Best Regards

Mariette Liefferink

CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

TEL. (+27) 11 465 6910

(+27) 73 231 4893

Postnet Suite #113, Private Bag X153, Bryanston, 2021

E-MAIL: mariette@pea.org.za

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]

**Sent:** 16 October 2018 06:58 AM

**To:** 'Zizo Siwendu' <zizo@shango.co.za>; mmakoena@shango.co.za

**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi' <Mashudu.Mulaudzi@dmr.gov.za>; craigrichardson100@gmail.com; 'Mariette Liefferink' <mariette@pea.org.za>; thabo.moloi@outa.co.za; 'Mariette Liefferink' <mariette@pea.org.za>; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom Vaaloewer' <marlene@kruppeng.co.za>; 'Bob' <bobh@dullies.com>; 'Chris' <chrisc@cesa.co.za>; 'Dina' <dina.henstock@gmail.com>; 'liz' <liz.tuxx@gmail.com>; 'Louis Kruger' <krugerskroon@gmail.com>; 'Renee' <renee@bundunet.com>; 'Tertius' <tertiusw@gmail.com>; 'warrin' <warrinf@gmail.com>; 'Azwihangwisi Nemulodi' <Azwihangwisi.Nemulodi@dmr.gov.za>; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za

**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day Zizo,

I hope you are well?

Your mail below refers.

I am well aware that you have deadlines, but you cannot make us the balancing factor in your little equation. You see given your inefficiencies, and lack of planning, we must suffer. This is not acceptable. This amounts to constructive

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Wednesday, October 17, 2018 6:58 AM  
**To:** zizo@shango.co.za; mmakoena@shango.co.za; stefanie@shango.co.za;  
jochen@shango.co.za  
**Cc:** azwihangwisi.mulaudzi@dmr.gov.za; Mashudu Mulaudzi  
**Subject:** FW: Notification Regarding an Application for an Integrated Environmental  
Authorisation and Integrated Water Use License in Support of a Mining Right  
Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

I refer mail below.

You continue to ignore our plea.

You are obstructing this process,

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment



**From:** Mariette Liefferink [mailto:mariette@pea.org.za]  
**Sent:** 16 October 2018 06:20 PM  
**To:** 'Gavin Aboud'; 'Zizo Siwendu'; mmakoena@shango.co.za  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi';  
craigrichardson100@gmail.com; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; 'Abrie Hanekom  
Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'Azwihangwisi Nemulodi';  
mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water  
Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048  
EM)

Dear Zizo

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Wednesday, October 17, 2018 8:50 AM  
**To:** 'Gavin Aboud'  
**Cc:** Azwihangwisi Mulaudzi; Azwihangwisi Nemulodi; Mashudu Mulaudzi; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good morning,

I trust this mail finds you well.

The Open Day will go ahead on the 24<sup>th</sup> October 2018 to accommodate I&APs that can attend on the day.

We can schedule a Focus Group meeting with the Vaaloever Ratepayers Association on a Saturday (tentatively on the 10<sup>th</sup> November 2018) at a different venue. Kindly indicate who will attend the Focus Group meeting and provide their names and contact details so we can book a suitably sized venue.

**Best regards,  
Zizo Siwendu.**



[t] +27 11 678 6504 [w] www.shango.co.za  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 17 October 2018 06:58 AM  
zizo@shango.co.za; mmakoena@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Cc:** azwihangwisi.mulaudzi@dmr.gov.za; Mashudu Mulaudzi  
**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

I refer mail below.

You continue to ignore our plea.

You are obstructing this process,

Gavin Aboud



## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Wednesday, October 17, 2018 7:14 AM  
**To:** zizo@shango.co.za; mmakoena@shango.co.za; stefanie@shango.co.za;  
jochen@shango.co.za  
**Cc:** azwihangwisi.mulaudzi@dmr.gov.za; mmakoena@shango.co.za; craigrichardson100@gmail.com; thabo.moloi@outa.co.za; Sampie van Rooyen; kobusvdwalt02@gmail.com; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Goose Bay  
**Attachments:** org\_16199daa9352cc6e\_1539617044000.jpg; org\_9e0e36c0fc977061\_1539617078000.jpg; org\_88f1275551a8caf7\_1539617024000.jpg; RE: Goose bay (16.6 KB)

Good Day ,

fer attached.

This is the non-compliance that you support.

Do not put in your reports that if your client does not conform that we can vent ourselves to the courts. It is a load of rubbish.

Kind Regards

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment



## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Wednesday, October 17, 2018 7:20 AM  
**To:** zizo@shango.co.za; mmakoena@shango.co.za; stefanie@shango.co.za;  
jochen@shango.co.za  
**Cc:** azwihangwisi.mulaudzi@dmr.gov.za; mmakoena@shango.co.za; Chris  
**Subject:** FW: Declined: Shango Solutions Meeting

Good Day,

Please see mail below for further evidence on how you are obstructing the process.

Gavin Aboud  
Chairman  
083 281 5045  
Vaalbewater Ratepayers Association  
One Tree many Fruits, in a Secure Environment



-----Original Appointment-----

**From:** Chris Campbell [mailto:chrisc@cesa.co.za]

**Sent:** 16 October 2018 03:01 PM

! 'Gavin Aboud'

**Subject:** Declined: Shango Solutions Meeting

**When:** 24 October 2018 07:00 PM-08:00 PM (UTC+02:00) Harare, Pretoria.

**Where:** Vintage Yard Wedding Venue;GPS co-ordinates: 26°46'05.5"S 27°35'07.3"E; across the river from Vaalbewater

Hi Gavin

You can use this in your argument to DMR on Shango Solutions hosting Consultation at their convenience and not for proper Consultation with IAP's. I am Joburg based and have a full day of meetings so am unable to attend. I have at least 7 other IAP's linked to my property and the same applies to them.

Regards

Chris

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Wednesday, October 17, 2018 9:36 AM  
**To:** 'Zizo Siwendu'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; Mariette Liefferink; Sampie van Rooyen; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

I refer your mail below.

The contents is noted.

You may as well cancel the day on the 24<sup>th</sup> as most IAP's have indicated they cannot attend.

The 10<sup>th</sup> November is fine at 10h00 in the morning. I have already sent you a list of 1396 IAP's that should be invited to attend the meeting. Past experience is that in the order of 300 to 400 people will attend. You can make provision for this number,

For your information there are over 900 house and land owners represented by the Vaaloewer Rate Payers Association, i.e. members.

I await the venue and confirmation of the time.

Kind Regards

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment



## Mmakoena

---

**From:** Holler, Dennis <Dennis.Holler@snclavalin.com>  
**Sent:** Wednesday, October 17, 2018 10:08 AM  
**To:** mmakoena@shango.co.za; zizo@shango.co.za  
**Cc:** gavinaboud@vodamail.co.za  
**Subject:** Objecting Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Dennis Holler Objecting Mining Operation.pdf

Dear Mr Mmkoena and Ms Zizo,

Attached please find my Registration OBJECTING the proposed mining activities.

Rgds,

Dennis Holler  
Engineer - Automation / Instrumentation  
Engineering  
Oil & Gas


Tel: +27 16 910 9300 x 54035  
Dir: +27 16 910 9335  
Cell: +27 78 803 9851

**SNC-Lavalin**  
Frikkie Meyer Boulevard & Kelvin Boulevard  
Vanderbijlpark | South Africa | 1900



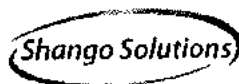
DEBÂT  
L'AVENIR

BUILD  
WHAT  
MATTERS

 snclavalin.com

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# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORITY APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                              |                       |  |
|---|------------------------------|-----------------------|--|
| <b>Name</b>                                   | Dennis Holler                | <b>EAP</b>            | Shango Solutions                             |
| <b>Address</b>                                | Plot 90                      | <b>Contact person</b> | Ms Zizo Siwendu                              |
|   | Lindequesdrif                | <b>Address</b>        | P.O Box 2591                                 |
|   | North West                   |                       | Cresta<br>2116                               |
| <b>Landowner/Lawful occupier/Organisation</b> | Dennis Holler                | <b>Project</b>        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0788039851                   | <b>Tel no.</b>        | 011 678 6504                                 |
| <b>Email</b>                                  | dennis.holler@snclavalin.com | <b>Email</b>          | zizo@shango.co.za                            |

Organisation and/or property description  
(if landowner/ lawful occupier)

Private Residence

Please state your interest in the proposed project (you are welcome to add additional pages if required):

**I OBJECT to the proposed mining activities!!**

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Yes

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes, Vaaloewer, right opposite the mine on the Guatueng side.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

No

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Yes, everybody downstream from Vaaloewer on the North West side of the river.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.;

My family and I stay on a river front property, Plot 90, Lindequesdrif approximately 500m downstream from Vaaloewer's weir on the North Western side of the river. The proposed mining activities will take place right in front of our family home and that is a very big concern to me and my family. This is a relative big mining

vegetation; topographical features; infrastructure; sensitive flora/fauna)?

operation for this area since I am in the mining engineering trade I know exactly what negatives to expect.  
Noise pollution is already a concern. At this stage it is a constant noise of trucks and excavators and it is very annoying!  
Washing and screening of sand will impose down stream river water pollution. Underground water will most certainly be negatively affected by this operation. Air pollution will be a concern especially on windy days due to loosened earth blowing around.  
This operation stretches along a the river front and will have negative impact on wild life in the area and what will be left for us and for nature in and along the river after this operation???

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

No development activities but other negative mining operations yes!

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

As far as I am concerned, the whole river is part of our heritage. There is already a shortage of water, why try to destroy what's left deliberately?

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

The whole of Lindequesdrif area has been rezoned to Residential 1. Vaal Oewer is a Residential 1 community.  
How can the government consider approval of such a mining activity that borders directly to a residential area? Noise pollution, air pollution, water pollution and the total destruction of the Vaal river's eco system will be the major negative effects!!!

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

The answer is quite simple.  
**Stop the mining activities!!**

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

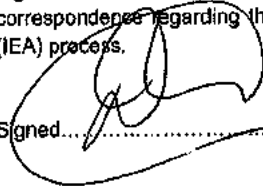
Noise pollution is already a concern. At this stage it is a constant noise of trucks and excavators and it is very annoying!  
Washing and screening of sand will impose down stream river water pollution. Underground water will most certainly be negatively affected by this operation. Air pollution will be a concern especially on windy days due to loosened earth blowing around.  
This operation stretches along a the river front and will have negative impact on wild life in the area and what will be left for us and for nature in and along the river after: this operation???

General Comments:

Noise pollution is already a concern. At this stage it is a constant noise of trucks and excavators and it is very annoying!  
Washing and screening of sand will impose down stream river water pollution. Underground water will most certainly be negatively affected by this operation.  
Air pollution will be a concern especially on windy days due to loosened earth blowing around.  
This operation stretches along a the river front and will have negative impact on wild life in the area and what will be left for us and for nature in and along the river after this operation???

Everyone in South Africa has the right to a healthy environment that does not harm their health or well-being. The Constitution says that the environment must be protected for current and future generations. If a mining company wants to mine, it must do so in a way that is sustainable and ensures that future generations can also benefit from South Africa's resources.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name DENNIS HOLLER Date 17/10/2018

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, November 21, 2018 3:55 PM  
**To:** 'Holler, Dennis'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: Objecting Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Dennis,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our responses in read. The answers you provided in the registration form are highlighted in yellow.

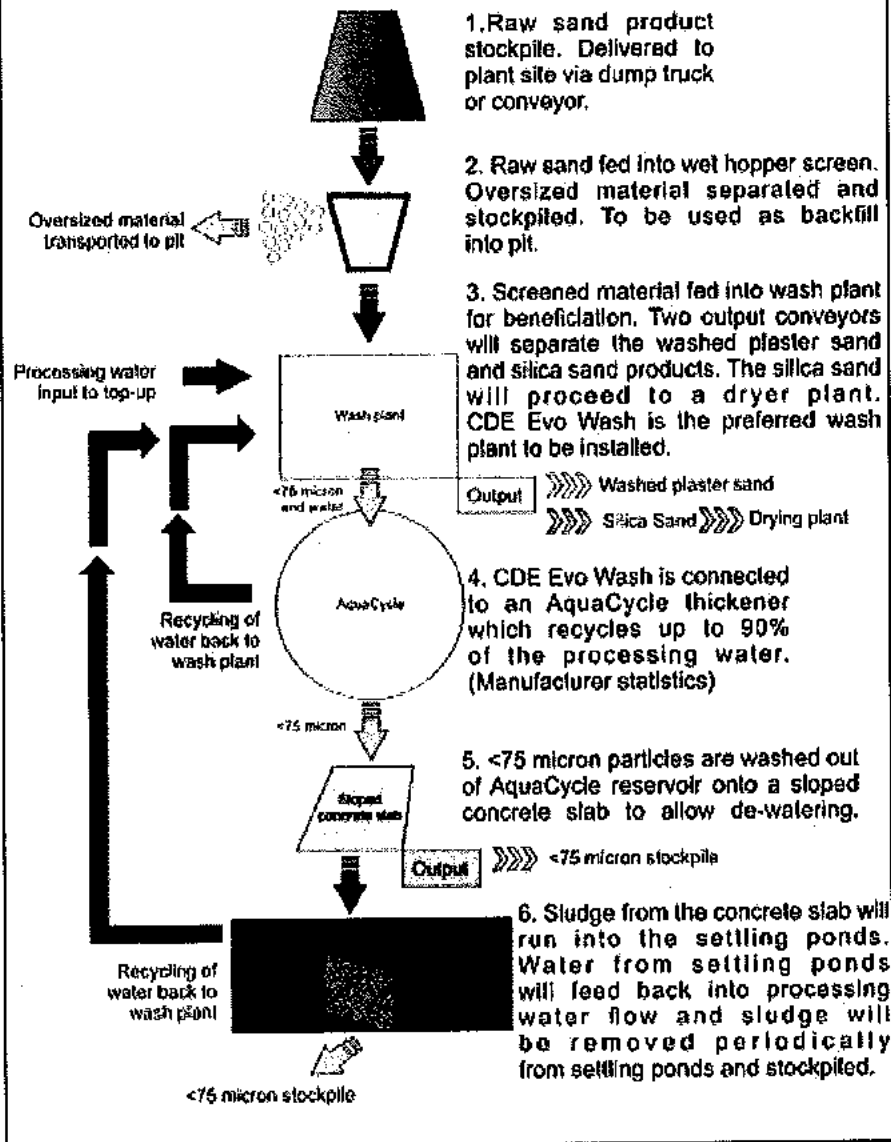
- I object to the proposed mining activities.  
Your objection is noted.
- Are you aware of any communities existing within the application area? Provide detail and possible contact details.  
Yes, Vaaloewer, right opposite the mine on the Gauteng side.  
Noted.
- Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.  
Yes, everybody downstream from Vaaloewer on the North West side of the river.  
Noted.
- Please provide us with a description of the receiving environment.  
My family and I stay on a river front property, Plot 90, Lindequesdrift approximately 500 m downstream from Vaaloewer's weir on the North Western side of the river. The proposed mining activities will take place right in front of our family home and that is a very big concern to me and my family. This is a relatively big mining operation for this area since I am in the mining engineering trade I know exactly what negatives to expect. Noise pollution is already a concern. At this stage it is a constant noise of trucks and excavators and it is very annoying. Washing and screening of sand will impose downstream river water pollution. Underground water will most certainly be negatively affected by this operation. Air pollution will be a concern especially on windy days due to loosed earth and blowing around. This operation stretches along the river front and will have a negative impact on wildlife in the area and what will be left for us and for nature in and along the river after this operation?  
Your concerns are duly noted.

The extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. Mitigation measures have been recommended to reduce noise impacts relating to this project.

The diagram below depicts the sand washing process. It is evident from the diagram that no untreated waste water and/or effluent will be discharged into the Vaal River. The sludge, which comprises silt and clay particles, will be deposited into settling ponds. Thereafter, the sludge will be removed from the settling ponds and stockpiled. Depending on its suitability as a product, the sludge may be sold (as clay and silt particles have commercial value) or used to backfill the pits.



## WASH PLANT PROCESS DIAGRAM



According to the Groundwater assessment undertaken in support of this application, potential impacts on groundwater anticipated during the operational phase include (i) a decline in water quality due to excavation of the sand and the wash plant facility as well as (ii) potential contamination of aquifers as a result of hydrocarbon spillage. The groundwater sampled on-site currently shows no negative impacts associated with the historical mining activities on the Farm Goosebay or at the neighbouring sand mine operations.

The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality as well as noise impacts. Additional mitigation measures have been proposed and these are included in the relevant specialist reports.

The Terrestrial Biodiversity Assessment identified the potential loss of habitat for Species of Conservation Concern (SCC) (based on the National Biodiversity Areas Plan) and the loss of areas of high biodiversity (based on the Free State Critical Biodiversity Areas Plan). However, further investigations will be made during the Environmental Impact Assessment phase.

- Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?  
No development activities but other negative mining operations yes!  
Noted.
- Are you aware of any cultural or heritage features within the application area and surrounds, please provide details?  
As far as I am concerned, the whole river is part of our heritage. There is already a shortage of water. Why try to destroy what's left deliberately?  
Your comment is noted.

- Please describe any biophysical and/or socio-economic impacts that you believe should be considered during the study.  
The whole of Lindequesdrif area has been rezoned to Residential 1. Vaaloewer is a Residential 1 community. How can the government consider approval of such a mining activity that borders directly to a residential area? Noise pollution, air pollution, water pollution and the total destruction of the Vaal River's ecosystem will be the major negative effects!!!  
Your comment is noted. Kindly note that according to the Section 6 (a) of the Mining Health and Safety Act, 1996 (Act 29 of 1996), no mining operations may be carried out under or within a horizontal distance of 100 m from buildings, roads, railways, reserves, mine boundaries, any structure whatsoever or any surface. The Applicant has adhered to the 100 m buffer. **Mitigation measures have been proposed to minimise noise, air and water pollution as well as impacts on biodiversity.**
- Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.  
The answer is quite simple. **STOP THE MINING ACTIVITIES!!**  
Your suggestion is noted.
- Everyone in South Africa has the right to a healthy environment that does not harm their health or well-being. The Constitution says that the environment must be protected for current and future generations. If a mining company wants to mine, it must do so in a way that is sustainable and ensures that future generations can also benefit from South Africa's resources.  
Your comment is duly noted.

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Holler, Dennis [mailto:Dennis.Holler@sncLavalin.com]  
**Sent:** Wednesday, October 17, 2018 10:08 AM  
**To:** mmakoena@shango.co.za; zizo@shango.co.za  
**Cc:** gavinaboud@vodamail.co.za  
**Subject:** Objecting Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Mr Mmkoena and Ms Zizo,

Attached please find my Registration OBJECTING the proposed mining activities.

Rgds,

Dennis Holler  
Engineer - Automation / Instrumentation  
Engineering  
Oil & Gas

Tel.: +27 16 910 9300 x 54035  
Dir.: +27 16 910 9335  
Cell : +27 78 803 9851

SNC-Lavalin  
Frikkie Meyer Boulevard & Kelvin Boulevard  
Vanderbijlpark | South Africa | 1900



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BUILD WHAT  
MATTERS

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## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Wednesday, October 17, 2018 2:05 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: i&aps Pure source mine  
**Attachments:** shango registration.doc

-----Original Message-----

**From:** jackie waite [mailto:jackie1@telkomsa.net]  
**Sent:** 17 October 2018 11:44 AM  
**To:** zizo@shango.co.za  
**Subject:** i&aps Pure source mine

Hi

Please find attached my registration form as requested.

Regards.

F.J.Waite

---  
This email has been checked for viruses by Avast antivirus software.  
<https://www.avast.com/antivirus>

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                          |                       |   |
|---|--------------------------|-----------------------|---|
| <b>Name</b>                                   | F.J.Waite                | <b>EAP</b>            | Shango Solutions                          |
| <b>Address</b>                                | P.O.box10686 Aston Manor | <b>Contact person</b> | Ms Zizo Siwendu                           |
|   | Kempton Park             | <b>Address</b>        | P.O Box 2591                              |
|   | 1930                     |                       | Cresta                                    |
| <b>Landowner/Lawful occupier/Organisation</b> | Lawful occupier          | <b>Project</b>        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0824416748               | <b>Tel no.</b>        | 011 678 6504                              |
| <b>Email</b>                                  | Jackie1@telkomsa.net     | <b>Email</b>          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

B/H 21 & B/H22 Goose Bay Canyon Recreation club lawful occupier

Please state your interest in the proposed project (you are welcome to add additional pages if required):

My property is across the river from the proposed project

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

no

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

no

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

The Vaaloever community

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

no

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

no

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

no

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Noise, Dust, and probable silting of the river adjacent to the boat club will diminish the value of all the properties in the boat club

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

We have previously had mining operations on this site on a much smaller scale and all the above impacts were observed. No measures were implemented to mitigate or manage these problems.

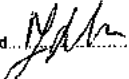
Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

I am concerned that too much water will be pumped from the river, and the washing process will silt up the river that the club as in the past had to dredge at a great cost to the members

General Comments:

[Empty box for general comments]

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name F. J. WAITE Date 17.10.18

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, November 21, 2018 1:56 PM  
**To:** 'jackie1@telkomsa.net'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** i&aps Pure source mine



FW: i&aps Pure  
source mine

Dear Jackie,

Thank you for completing the Interested and Affected Party (I&AP) registration form and for providing comment.

Please see our responses in read. The answers you provided in the registration form are highlighted in yellow.

Please state your interest in the proposed project.

My property is across the river from the proposed project.

Noted.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

The Vaaloewer community.

Noted.

Please describe any biophysical and/or socio-economic impacts that you believe should be considered during the study. Noise, dust and probable silting of the river adjacent to the boat will diminish the value of all the properties in the boat club.

In order to assess the potential impacts on existing property values, the property context surrounding the site was first considered by the economic specialist. Secondly, the results of the other specialist studies were scrutinised for information on impacts that could lead to welfare changes reflected in property value effects. The key potential sources of negative impacts on property values are visual, air quality, noise and biodiversity impacts. The Economic Impact Assessment states that property values in any given area are significantly driven by demand for housing, which in turn, is directly linked to economic opportunities and jobs in the area. The project therefore has the potential to increase demand and associated values for housing and property. The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, noise, water quality and social measures) and enhance positive impacts would reduce impacts on property values.

Please describe any measures you believe should be implemented to mitigate, manage, avoid or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.

We have previously had mining operations on this site on a much smaller scale and all the above impacts were observed. No measures were implemented to mitigate or manage these problems.

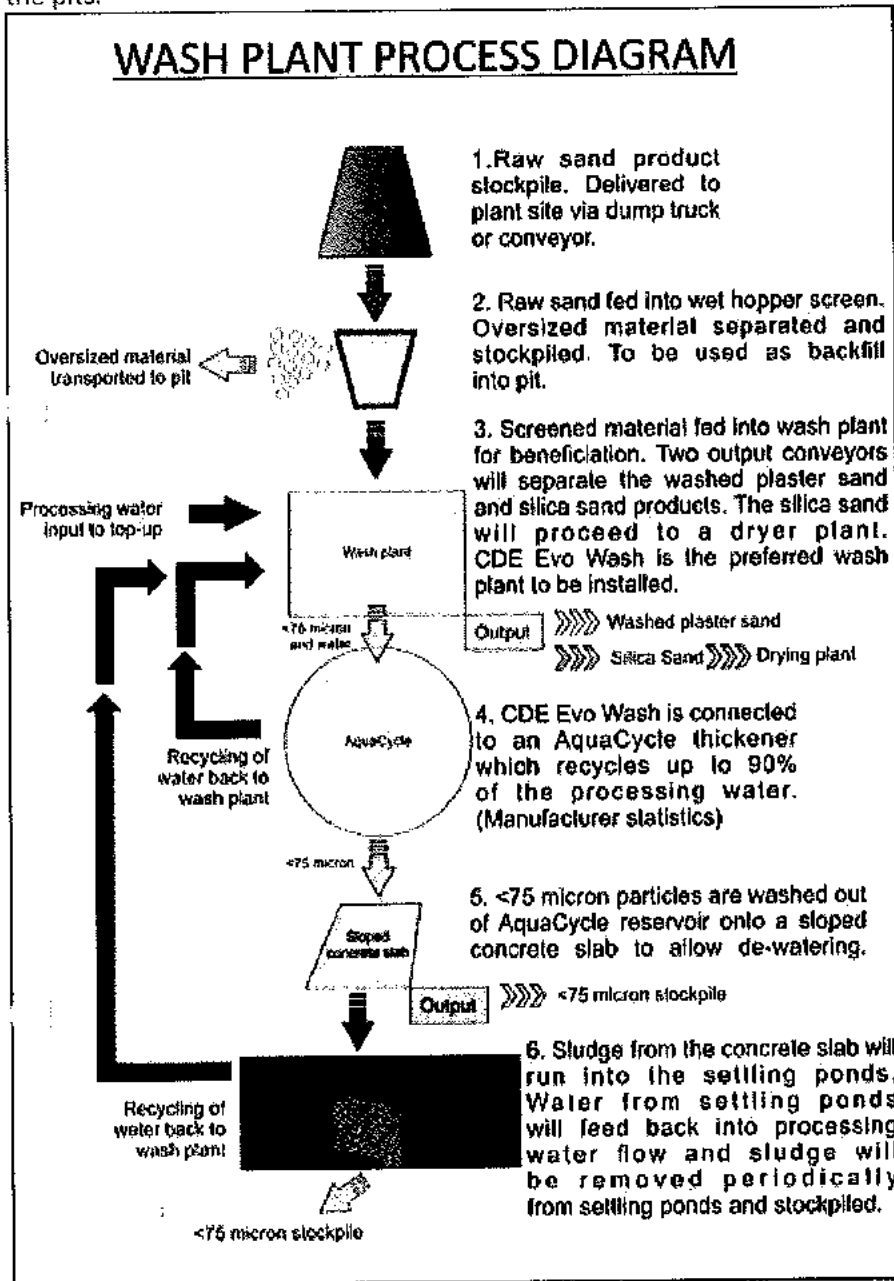
Enforcement of mitigation measures, as detailed in an Environmental Management Programme, is the responsibility of the Department of Mineral Resources.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

I am concerned that too much water will be pumped from the river, and the washing process will silt up the river that the club as in the past had to dredge at a great cost to the members.

The use of groundwater will be investigated during the Environmental Impact Assessment (EIA) phase in order to minimise the quantity of water that will be extracted from the Vaal River.

The diagram below depicts the sand washing process. It is evident from the diagram that no untreated waste water and/or effluent will be discharged into the Vaal River. The sludge, which comprises silt and clay particles, will be deposited into settling ponds. Thereafter, the sludge will be removed from the settling ponds and stockpiled. Depending on its suitability as a product, the sludge may be sold (as clay and silt particles have commercial value) or used to backfill the pits.



Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913



## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Thursday, October 18, 2018 7:57 AM  
**To:** 'Zizo Siwendu'; 'Gavin Aboud'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

ir Zizo

I thank you for the notification, which I, on behalf of the Federation for a Sustainable Environment – a registered interested and affected party – accept.

We await your future notification regarding the venue.

Best Regards

Mariette Liefferink

CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

TEL. (+27) 11 465 6910

(+27) 73 231 4893

Postnet Suite #113, Private Bag X153, Bryanston, 2021

E-MAIL: mariette@pea.org.za

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]

**Sent:** 17 October 2018 03:27 PM

'Gavin Aboud' <gavinaboud@vodamail.co.za>

**Cc:** 'Azwihangwisi Mulaudzi' <Azwihangwisi.Mulaudzi@dmr.gov.za>; 'Azwihangwisi Nemulodi' <Azwihangwisi.Nemulodi@dmr.gov.za>; 'Mashudu Mulaudzi' <Mashudu.Mulaudzi@dmr.gov.za>; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Mariette Liefferink' <mariette@pea.org.za>; 'Sampie van Rooyen' <svr@envmgp.com>; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig' <martin.vaaloewer@vodamail.co.za>; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer' <marlene@kruppeng.co.za>; 'Bob' <bobh@dullies.com>; 'Chris' <chrisc@cesa.co.za>; 'Dina' <dina.henstock@gmail.com>; 'liz' <liz.tuxx@gmail.com>; 'Louis Kruger' <krugerskroon@gmail.com>; 'Renee' <renee@bundunet.com>; 'Tertius' <tertiusw@gmail.com>; 'warrin' <warrinf@gmail.com>

**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Gavin,

## Mmakoena

**From:** Sampie van Rooyen <svr@envmgrp.com>  
**Sent:** Thursday, October 18, 2018 8:04 AM  
**To:** Zizo Siwendu; 'Gavin Aboud'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Mariette Liefferink'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Objection letter to Shango.pdf

Good morning Zizo,

Please find attached my comments with regards to the above mentioned applications.

Regards,  
Sampie



### S.E. VAN ROOYEN

Director Managing & Environmental Assessment Practitioner & Ecologist  
(MSc. Civil Sci. Nat. 116564; IMA Reg No. 5901)

### ENVIRONMENTAL MANAGEMENT GROUP

*Specialists in Environmental Management  
Integrating Industry and Infrastructure with the Environment*

**Tel:** +27 51 412 6350  
+27 83 678 3037  
**Fax:** +27 51 412 6351  
**Email:** svr@envmgrp.com  
**Postal Address:**  
P.O.Box 37473,  
Langenhoven Park 9330

**From:** Zizo Siwendu  
**Sent:** Wednesday, October 17, 2018 3:26 PM  
**To:** 'Gavin Aboud'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Mariette Liefferink'; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaalobewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Gavin,

The focus group meeting will be specifically for the Vaaloewer Rate Payers Association, i.e. members. Hence we ask for the names and contact details of the attendees from the Vaaloewer Rate Payers Association. Based on your correspondence, we will book a venue that can accommodate up to 400 people, for the 10<sup>th</sup> November 2018 at 10h00 in the morning.



## ENVIRONMENTAL MANAGEMENT GROUP

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Specialists in Environmental Management  
Integrating Industry and Infrastructure with the Environment

Tel: +27 51 412 6350  
Fax: +27 51 412 6351  
Email: [ckruger@envmgrp.com](mailto:ckruger@envmgrp.com)  
Postal Address:  
P.O.Box 37473,  
Langenhoven Park 9330

18 October

Shango Solutions  
H.H.K. House  
Cnr Ethel Ave and Ruth Crescent  
Northcliff  
P.O. Box 2591, Cresta, 2118, South Africa  
Tel: 011 678 6504  
Fax: 011 678 9731

Attention: Mmakoena Mmola and Zizo Siwendu

**APPLICATION FOR AN INTEGRATED ENVIRONMENTAL AUTHORISATION AND INTEGRATED WATER USE LICENSE IN SUPPORT OF A MINING RIGHT APPLICATION FOR SAND, AGGREGATE/GRAVEL AND DIAMOND (ALLUVIAL), IN THE FREE STATE PROVINCE OF SOUTH AFRICA (FS 30/5/1/2/2/10048 EM) ON THE REMAINING EXTENT, PORTION 1 AND 3 OF THE FARM WOODLANDS 407, SITUATED IN THE MAGISTERIAL DISTRICT OF PARYS, FREE STATE PROVINCE.**

Good day Mmakoena Mmola and Zizo Siwendu,

This letter serves the purpose of my objection on behalf of Mr. Salmon van Rooyen (owner of Farm Damlaagte No. 229) with regards to the above-mentioned applications submitted to DMR and DWS.

With reference to the letter from DMR, dated 12 September 2018 (**Annexure A**), I would like to raise some concerns and request clarity from your company with regards to:

- The submission of the Final performance assessment report, environmental risk report and closure plan for the remaining extent, portion 1 and 3 of Woodlands, 407. Have these reports been submitted to DMR before 13 October 2018? Please provide copies of these reports for review.

With reference to the letter from DMR, dated 13 September 2018 (**Annexure B**), I would like to know if Sweet Sensation 168 (Pty) Ltd. is by any means related to Monte Cristo Commercial Park (Pty) Ltd?



# ENVIRONMENTAL MANAGEMENT GROUP

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## With reference to the Draft Scoping report and supporting specialist studies (Pure Source Mine)

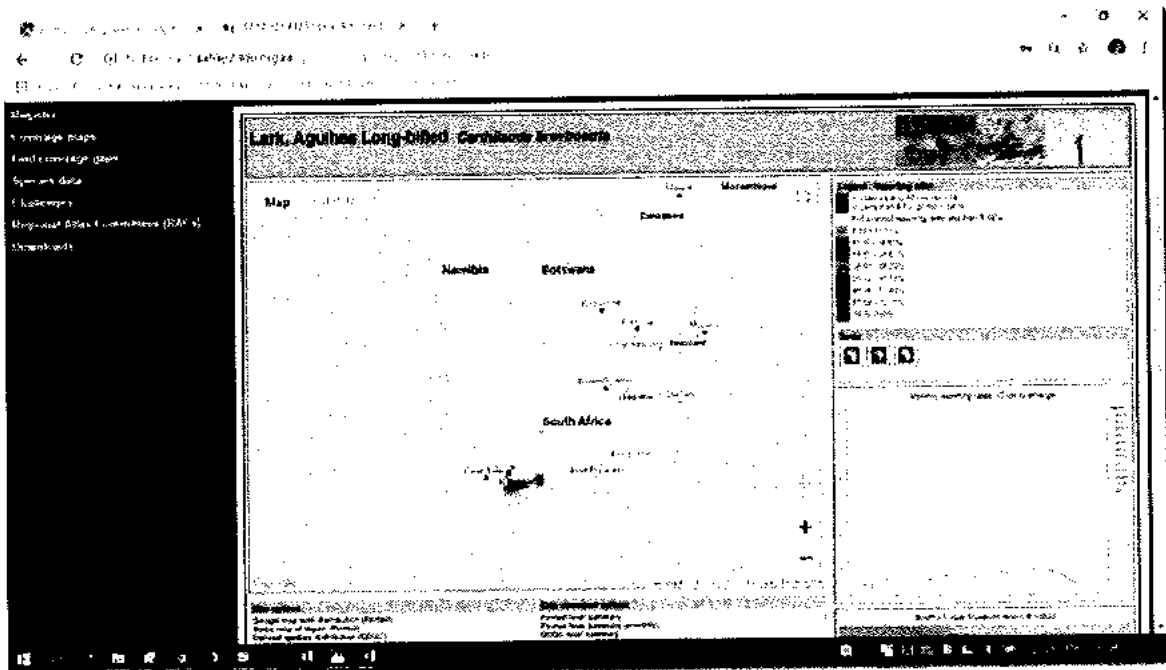
### Appendix F2 - TERRESTRIAL BIODIVERSITY

- It is quite evident that the majority of the proposed mining area falls inside either an ESA 1 & 2 (Ecological Support Area) or CBA (Critical Biodiversity Area), thus making this area highly sensitive.
- On page 13: *'However, due to the international importance of the Vredefort World Heritage Site and that it is situated downstream of the proposed project area there is a minor chance that any severe impacts caused to the Vaal River system by the proposed development, if any, may have an impact on this site.'*  
I would suggest that monitoring points upstream and downstream from the proposed mining area be included into the EMP.
- On Page 27 and 28, Table 3: The interpretation of the species occurrence is incorrect.

The Pentads assessed is not located near the study area. The study area is located in Pentads: 2640\_2730; 2640\_2735; 2645\_2730; 2645\_2735.

The likelihood of occurrence of species is also totally misinterpreted. For example, the Lark, Agulhas Long-billed has never been observed near the study area. It only occurs in the Overberg area; thus, you state that the occurrence of this species is high.

This observation puts the rest of the biodiversity assessment under question. I do request that an in-depth biodiversity assessment be conducted on site and included into the draft EIA.



- On Page 38, Table 6. I do appreciate that the majority of the Table is highlighted in red, which supports the ecological sensitivity status of the proposed mining area.



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- On Page 41, you also mention that: '*Further field surveys will increase the robustness of the results, and a summer survey will need to be conducted in order to complete a comprehensive floral survey. However, further investigation will be made during the Environmental Impact Assessment process.*'  
When will this follow-up studies be conducted?
- On Page 41, I would like to highlight the closing sentence to the client, DMR and Shango Solutions: '*The outcomes of this scoping assessment have identified the potential loss of SCC and sensitive areas as a potential fatal flaw for the proposed project.*'  
I do believe that 'potential' will be replaced by 'definite'.

### Appendix F5 - WETLAND ASSESSMENT

- On Page 13 it is mentioned that: '*The outcomes of this scoping assessment have identified the potential loss of wetland areas as a potential fatal flaw for the proposed project. However, further investigation will be made during the Environmental Impact Assessment process.*'  
I do believe that 'potential' will be replaced by 'definite'.

### Appendix F7 - HERITAGE IMPACT ASSESSMENT

- On Page 30, it is mentioned that: '*Of importance is Site 1 which is a strategic entrenchment (redoubt) that probably dates to the South African War (Anglo-Boer War) of 1899 – 1902. The structure is therefore older than 60 years and as a result protected under the NHRA (Act 25 of 1999). Any impact on the site will have to be mitigated by a Phase 2 investigation.*'  
It is highly recommended that this site be excluded from the proposed mine footprint.
- On Page 30, it is mentioned that: '*A cemetery with 48 graves was recorded. Although some of the graves do have inscriptions on the headstones, some of them do not and as a result are also protected under the NHRA (Act 25 of 1999).*'  
It is highly recommended that this site be excluded from the proposed mine footprint.
- On Page 31, it is mentioned that: '*It should be kept in mind that archaeological deposits usually occur below ground level. Should archaeological artefacts or skeletal material be revealed in the area during construction activities, such activities should be halted, and a university or museum notified in order for an investigation and evaluation of the find(s) to take place (cf. NHRA (Act No. 25 of 1999), Section 36 (6)).*'  
Monitoring throughout the lifetime of the mine should be implemented.

### Appendix F14 - SOCIO-ECONOMIC IMPACT ASSESSMENT & Appendix F16-ECONOMIC IMPACT ASSESSMENT

- I believe that the current agricultural and tourism practices in the area will be negatively influenced, and eventually ruined by the proposed mining activities for the area. Unfortunately, mining and tourism and agriculture highly unlikely occurs in the same area, as the influence of mining remains detrimental to the other two sectors.  
When comparing job opportunities in the area, the amount of current jobs maintained in the tourism and agricultural industries will be lost by implementing mining practices in the area. Thus, job opportunities in the area will not increase through mining practices, as the agricultural and tourism sectors will be lost.
- Food security is a major concern for South Africa. Agricultural land remains highly sensitive and is a huge contributor to our economy. That is why re-zoning must occur prior to commencement of the proposed mining practices.



## ENVIRONMENTAL MANAGEMENT GROUP

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- South African farms live in fear on their farms, due to the current politics, threats and violent farm attacks. Theft of livestock is a going concern amounts the farmers in the area. By introducing mining in the area, foreigners settle and populate the area. As soon as township establishment is implemented, crime starts to increase. The Vaal Eden area, that is currently operating as an agricultural and tourism sector, will be transformed into a mining, industrial and township area.
- No benefits other than financial profits to the stakeholders will be generated through the proposed mining operations.

### Conclusion

During the Scoping phase it already becomes evident that several fatal flaws appear for the proposed mining operations. It is also clear that the existing community does not welcome the mining industry into their agricultural and tourism area, and will continue to fight for their own safety, the safety of their livestock and crops, and the integrity of their sensitive Vaal River environment.

Yours faithfully

.....  
**Sampe van Rooyen**

Environmental Management Group



## ENVIRONMENTAL MANAGEMENT GROUP

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## Annexure A



## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

DMR : 0

### WELKOM

Private Bag X33, Welkom, 9460, 314 Stateway Street, The Strip Building, First & Second Floors, Welkom, 9459  
Tel: 057 3911318, Fax: 057 337 6003, E-mail: rashokelswe.mphaphuli@dmr.gov.za. Ref: FS 30/6/18/3/2/1(302)  
EM

From: Mine Environmental Management Enquiries: Ms R.R. Mphaphuli

The Directors  
Goosebay Farm (Pty) Ltd  
P.O. Box 17736  
Sunward Park  
1470  
12 September 2018

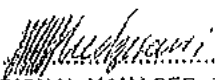
Dear Sir/ Madam

APPLICATION FOR A CLOSURE CERTIFICATE IN TERMS OF SECTION 43 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) IN RESPECT OF PORTION 3 OF THE FARM WOODLANDS 407, SITUATED IN THE MAGISTERIAL DISTRICT OF PARYS, FREE STATE REGION.

1. This office has noted that your mining permit issued by this department has lapsed and thus is invalid. It was also realized that rehabilitation on your mining area is incomplete and as results you are required to rehabilitate the mining area as per the approved EMP as your mining permit has lapsed.
2. In terms of section 43(4) of the Act, an application for a closure certificate must be lodged 180 days of the occurrence of the lapsing, cancellation, cessation, relinquishment, or completion of the closure plan.
3. You are therefore advised to submit the final performance assessment report, environmental risk report, and closure plan as required in terms of regulation 55, 60 & 62 of the Act, by not later than the 13<sup>th</sup> of October 2018 (30 days).

Failure to comply with this directive by that date constitutes an offence in terms of section 98 and thus might result in this department taking corrective action against you.

Your co-operation will be appreciated

pp.   
REGIONAL MANAGER: MINERAL REGULATION  
FREE STATE REGION

ACKNOWLEDGEMENT OF RECEIPT: 

DATE: 16/09/2018

ALL CORRESPONDENCE SHOULD BE ADDRESSED TO THE REGIONAL MANAGER DEPARTMENT OF MINERAL RESOURCES, FREE STATE REGION





## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

DMR 10

**WELKOM**

Private Bag X33, Welkom, 9460, 314 Stateway Street, The Strip Building, First & Second Floors, Welkom, 9450  
Tel: 057 3911318, Fax: 057 357 6003, E-mail: rsshoketswa.mphaphuli@dmr.gov.za, Rel: FS 30/5/1/3/3/2/1(304)  
EM

From: Mine Environmental Management    Enquiries: Ms R.R. Mphaphuli

The Directors  
Goosebay Farm (Pty) Ltd  
P.O. Box 17736  
Sunward Park  
1470  
12 September 2018

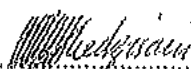
Dear Sir/ Madam

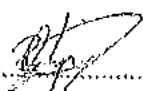
**APPLICATION FOR A CLOSURE CERTIFICATE IN TERMS OF SECTION 43 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) AS AMENDED IN RESPECT OF THE REMAINING EXTEND OF THE FARM WOODLANDS 407, SITUATED IN THE MAGISTERIAL DISTRICT OF PARYS, FREE STATE REGION.**

1. This office has noted that your mining permit issued by this department has lapsed and thus is invalid. It was also realised that rehabilitation on your mining area is incomplete and as a result you are required to rehabilitate the mining area as per the approved EMP as your mining permit has lapsed.
2. In terms of section 43(d) of the Act, an application for a closure certificate must be lodged 180 days of the occurrence of the lapsing, cancellation, cessation, relinquishment, or completion of the closure plan.
3. You are therefore advised to submit the final performance assessment report, environmental risk report, and closure plan as required in terms of regulation 55, 60 & 62 of the Act, by not later than the 13<sup>th</sup> of October 2018 (30 days).

Failure to comply with this directive by that date constitutes an offence in terms of section 98 and thus might result in this department taking corrective action against you.

Your co-operation will be appreciated

pp...   
REGIONAL MANAGER: MINERAL REGULATION  
FREE STATE REGION

ACKNOWLEDGEMENT OF RECEIPT: 

DATE: 11/01/2018

ALL CORRESPONDENCE SHOULD BE ADDRESSED TO THE REGIONAL MANAGER, DEPARTMENT OF MINERAL RESOURCES - FREE STATE REGION



mineral resources

Department  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

WELKOM  
Private Bag X33, Welkom, 9460, 214 Stateway Street The Strip Building, First & Second Floors, Welkom, 9449  
Tel: 051 3911323, Fax: 057 357 6003, E-mail: Tshibaya.Makhokha@dmr.gov.za, Ref: FS 2015/13/32/1(303) EM

From: Mine Environmental Management    Enquiries: Mr M.G Mulaudzi

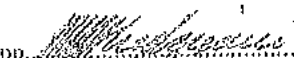
The Directors  
Goosebay Farm (Pty) Ltd  
P.O. Box 17037  
Sunward Park  
9730  
12 September 2018

Dear Sir/ Madam

APPLICATION FOR A CLOSURE CERTIFICATE IN TERMS OF SECTION 43 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) IN RESPECT OF THE REMAINING EXTENT OF PORTION 1 OF THE FARM WOODLANDS 407, SITUATED IN THE MAGISTERIAL DISTRICT OF PARYS.

1. This office has noted that your mining permit authorisation issued by this department has lapsed and thus is invalid. It was also realized that rehabilitation on your mining area is incomplete and as results you are required to rehabilitate the mining area as per the approved EMP as your environmental authorisation has lapsed.
2. In terms of section 43(4) of the Act, an application for a closure certificate must be lodged 180 days of the occurrence of the lapsing, cancellation, cessation, relinquishment, or completion of the closure plan.
3. You are therefore advised to submit the final performance assessment report, environmental risk report, and closure plan as required in terms of regulation 55, 60 & 62 of the Act, by not later than the 13<sup>th</sup> of October 2018 (30 days).

Failure to comply with this directive by that date constitutes an offence in terms of section 98 and thus might result in this department taking corrective action against you.  
Your co-operation will be appreciated

PP.   
REGIONAL MANAGER: MINERAL REGULATION  
FREE STATE REGION  
12 September 2018  
ACKNOWLEDGEMENT OF RECEIPT:.....  
DATE:.....

ALL CORRESPONDENCE SHOULD BE ADDRESSED TO THE REGIONAL MANAGER DEPARTMENT  
OF MINERAL RESOURCES - FREE STATE REGION



## ENVIRONMENTAL MANAGEMENT GROUP

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Specialists in Environmental Management  
Integrating Industry and Infrastructure with the Environment

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Postal Address:  
P.O.Box 37473,  
Langenhoven Park 9330

## Annexure B



mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

WELKOM

Private Bag X 33, Welkom, 9460, Tel: 057 391 1300, Fax: 057 357 6003/086 710 1479  
The Strip Building, 314 Stateway Street, First & Second Floors, Welkom, 9459

Enquiries: Mr M.G Mulaudzi  
E-mail Address: [mashudu.Mulaudzi@dmr.gov.za](mailto:mashudu.Mulaudzi@dmr.gov.za)  
Sub-Directorate: Mine Environmental Management

Ref No: FS 30/5/1/2/3/2/1/1.0018 EM

PER MAIL & REGISTERED MAIL

The Director  
Sweet Sensations 168 (Pty) Ltd  
P.O Box 82612  
Southdale  
2135

Attn:Graham J. de Koeberger  
Email: [graham@edsprojects.co.za](mailto:graham@edsprojects.co.za)

Date: 25/10/2016

Dear Sir/Madam,

Notice of intention to issue a compliance notice in terms of Section 31L of the National Environmental Management Act (Act 107 of 1998), as amended in relation to Environmental Authorisation for the Mining Right for Sweet Sensations 168 (Pty) Ltd on the remaining extent of the farm De Pont no 228 situated in the magisterial district of Parys: Free State Region.

I, Azwihangwisi Mulaudzi, in my capacity as a grade 1 Environmental Mineral Resource Inspector (EMRI), hereby give you written notice of my intention to issue you, Sweet Sensations 168 (Pty) Ltd, with a compliance notice in terms of Section 31L of the National Environmental Management Act, 1998 (Act No.107 of 1998), hereinafter referred to as "NEMA".

The compliance notice that I intend to issue relates to your non-compliance with conditions of the issued Environmental Authorisation dated 11<sup>th</sup> October 2016.

1. Details of conduct constituting non-compliance:

I have reasonable grounds to believe that you have contravened the Environmental Authorisation in the following manner:

*Notice of intention to issue a compliance notice in terms of Section 31L of the National Environmental Management Act*

24(P)(3)(a) and (b) of the National Management Act, 107 (Act 107 of 1998) as amended which reads as follows: "*(a) every holder must annually assess the environmental liability in a prescribed manner and must increase the financial provision to the satisfaction of the Minister; and (b) submit an audit report to this Department on adequacy of the financial provision from the independent auditor*"

According to the records that we have in the office, the financial provision has never been revised since the issuing of the Environmental Authorisation.

- 1.2. Item 4.1 on page 10 of the Environmental Authorisation and read with Section 24(Q) of the National Management Act, 107 (Act 107 of 1998) as amended which reads as follows: "*as part of the general terms and conditions for an environmental authorization and in order to (a) ensure compliance with the conditions of the environmental authorization and (b) in order to assess the continued appropriateness and adequacy of the environmental management programme; every holder and every holder of an old order right must conduct such monitoring and such performance assessment of the approved environmental management programme as may be prescribed*" read with regulation 34 (1) to (7) contemplated in information set out on Appendix 7 (1) to (3) directs the holder to conduct monitoring and submit performance assessment report/environmental audit report as prescribed.

According to the records that we have in the office, the monitoring and performance assessment/ environmental audit report was never submitted to this office up to date.

- 1.3. Item 2.21 on page 06 of the Environmental Authorisation and read with item 2.2 on page 6 of the approved EIAR and EMP reads as follows: "*the holder must ensure that rehabilitation of the disturbed areas caused by mining and mining related activities at all time comply with the approved EMPR*".

According to the approved EMP page 6 item 2.2 paragraph 3 lines number 3 stated that, sand will be mined in strips with no more than one strip being open at given time. Maximum depth of the excavations will be 10 meters at places, but on average 5 meters. According to the observation made during site visit, several opened excavations were observed and nevertheless there were no sign of concurrent rehabilitation on site.

The above information was also confirmed during a routine site inspection conducted on 31<sup>st</sup> of August 2018 by the EMRIs of this Department in terms of section 31K of NEMA.

2. This notice of intention to issue a compliance notice issued against you requires the following steps to be taken:

- 2.1. To inform this Department and provide reasons within fourteen (14) calendar days from receipt of this notice why you are not complying with the issued Environmental Authorisation on 11<sup>th</sup> of October 2016, with specific reference to the information indicated above.
- 2.2. Submit two copies of Environmental Audit Reports/Performance Assessment Reports compiled by independent competent person (*who does not have vested interest in the operation*) within thirty (30) calendar days from the date of receipt this compliance

Regulation.

2. Submit a detailed itemised cost of environmental liability that may be resulted from your prospecting activities compiled by independent competent person supported by increased financial provision to address the shortfall (if there is any) **within thirty (30) calendar days** from the date of receipt of the compliance notice.
- 2.4. Instructed to rehabilitate all inactive opened excavations within your mining area as per the approved EMP and environmental authorization refer to page 6 item 2.2 of the approved EMP.
- 2.5. You are hereby afforded a period of **fourteen (14) calendar days** after receipt of this notice, to provide reasons as to why a Compliance Notice in terms of Section 31L of NEMA should not be issued against your company.
3. **Failure to comply with this notice of intention may result in this Department issuing a compliance notice in terms of section 31L of NEMA which will require you to :**
  - 3.1. Immediately cease with the operation of the mining activities that is part of the identified environmental flaws

Further note that, contravention of an issued Environmental Authorisation constitutes an offence in terms of Section 49 (A) (1) (c) of NEMA. Section 49(C) which states that " *a person is guilty of an offence if that person - fails to comply with or contravenes a condition of an environmental authorisation granted for a listed activity or specified activity or approved environmental management programme*".

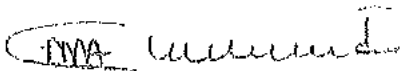
Section 49B (1) (a), (b), (c), (d), (e), (f), or (g) further states that " *a person convicted of an offence in terms of section 49(A)(1) (c) is liable to a fine not exceeding R10 million or to imprisonment for a period not exceeding ten years, or to both such fine and such imprisonment*".

**Note:** All correspondence and/or representations regarding this pre-compliance notice should be sent to this office, either by hand delivery or via post on the above-mentioned address. Alternatively, you can fax to 057 356 6003.

Your attention is drawn to the fact that the submission of the information and action requested in this notice does not exempt the Department from taking any other steps in the matter to address your non-compliance with an issued Environmental Authorisation and the approved EMP.

Should you have any further queries, please contact the relevant official at the above contact details.

Signed on this 13<sup>th</sup> day of September 2018, at Welkom



**Mr Azwihangwisi Mulaudzi**  
**Environmental Mineral Resource Inspector: Grade 1**  
**Regional Manager: Mineral Regulation: Free State Region**  
**Department of Mineral Resources**

*Please quote this office reference number for any correspondence.*

**Acknowledgement of Receipt:**

Received by Mr./Ms. Remember Moleka On behalf of  
the Company Sweet Sensations on this 14 (day) of  
(Month) September (year) 2018, at Parys

Moleka

Signature:

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 2, 2018 9:50 AM  
**To:** 'Sampie van Rooyen'  
**Cc:** 'andrew@thebiodiversitycompany.com'; jochen@shango.co.za; stefanie@shango.co.za; zizo@shango.co.za; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Skets\_Existing Mining activity 2018\_10\_29 (V1) jpg.jpeg

Dear Sampie,

Thank you very much for your correspondence.

Your objection to the above mentioned project is noted.

The Client is in the process of applying for a Closure Certificate over the Mining Permit Areas.

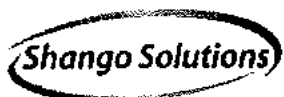
Kindly be advised that Sweet Sensation 168 (Pty) Ltd is a neighbouring mine which is not related to Monte Cristo Commercial Park (Pty) Ltd (see map attached).

Your comments on the Terrestrial Biodiversity specialist report will be addressed by the relevant specialist. The specialist will correspond directly with you and we will be cc'ed in the mail. The recommendations you provided regarding the Heritage Impact Assessment are well noted and will be included as conditions in the Environmental Management Programme (EMPR) to be drafted at a later stage (during the EIA phase of the project). Furthermore, your views on the socio-economic impacts associated with the proposed mining activities are duly noted and will be included in the Issues and Responses Report to be submitted to the Competent Authority for consideration in their decision-making.

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**

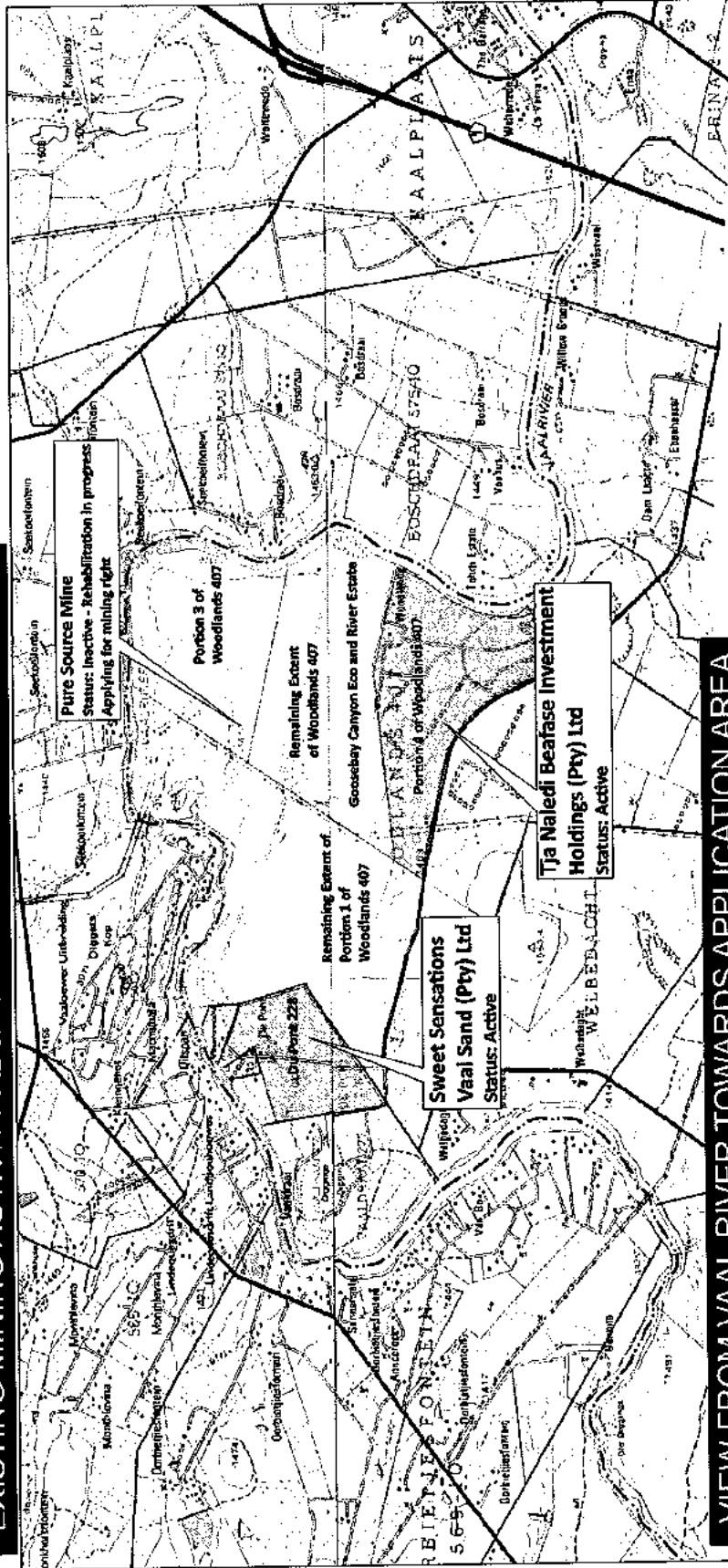


[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

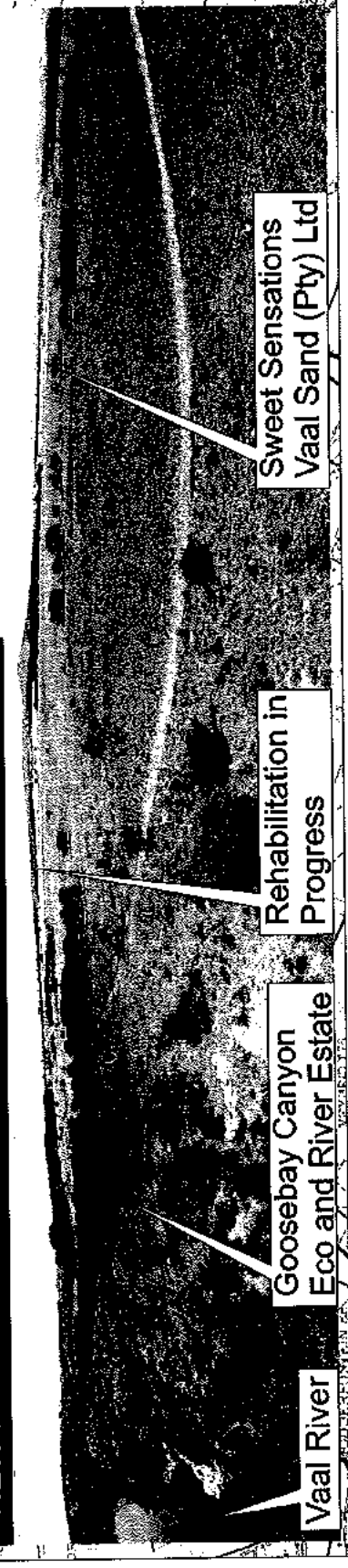
**From:** Sampie van Rooyen [mailto:svr@envmgrp.com]  
**Sent:** Thursday, October 18, 2018 8:04 AM  
**To:** Zizo Siwendu; 'Gavin Aboud'  
**Cc:** 'Azwiangwisi Mulaudzi'; 'Azwiangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Mariette Lieferink'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaalower'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'



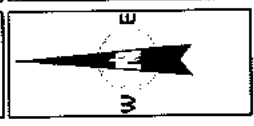
**EXISTING MINING ACTIVITY ADJACENT TO APPLICATION AREA**



**VIEW FROM VAAL RIVER TOWARDS APPLICATION AREA**



|  |   |                              |   |
|--|---|------------------------------|---|
| <b>CLIENT:</b><br>PURE SOURCE MINE   | <b>DRAWING TITLE:</b><br>Existing Mining Activity near the application area | <b>DATE:</b> 2018-10-29      | <b>SCALE:</b> Not to Scale  |
| <b>DESCRIPTION:</b><br>Locality map indicating existing mining activity adjacent to the application area | <b>DRAWING NO:</b> 1 of 1   | <b>DRAWING VERSION:</b><br>1 | <b>DRAWING PREPARED BY:</b><br>MR. HADER VAN DEN BERG<br>MIL/PROF IN LANDSCAPE ARCHITECTURE   |
|  |   |                              | <b>CONTACT DETAILS:</b><br>P.O. BOX 14956<br>ZOOBONTEIN<br>1912<br>TEL: +0776 169 1485<br>FAX: 086 520 4677<br>EMAIL: mader@skats.co.za |



## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Thursday, October 18, 2018 3:23 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Pure Source Mine Project

**From:** Bruce Strong [mailto:strongbruce619@gmail.com]  
**Sent:** 18 October 2018 12:44 PM  
**To:** zizo@shango.co.za  
**Subject:** Re: Pure Source Mine Project

Dear Zizo  
Please register me as an interested and affected party for the above project.  
We are the owners of a property downstream at Lapa Manzi.  
Thank you.

On Wed, 17 Oct 2018 at 08:46, Bruce Strong <[strongbruce619@gmail.com](mailto:strongbruce619@gmail.com)> wrote:

Dear Zizo  
Please register me as an interested and affected party for the above project.  
We are the owners of a property downstream at Lapa Manzi.  
Thank you.

--  
Kind regards  
Bruce Strong  
0829075661

--  
Kind regards  
Bruce Strong

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 2, 2018 10:30 AM  
**To:** 'strongbruce619@gmail.com'  
**Cc:** 'Zizo Siwendu'; jochen@shango.co.za; stefanie@shango.co.za; michael@vldc.co.za; mark@vldc.co.za; info@vldc.co.za; mader@skets.co.za  
**Subject:** RE: Pure Source Mine Project  
**Attachments:** Pure Source Mine\_Additional Consultation\_IAP\_2018-10-26.pdf

Dear Bruce,

This e-mail serves to notify you that you have been registered as an Interested and Affected Party and will be kept up to date with any developments regarding this project.

Kindly find herewith attached notification regarding the additional public consultation scheduled for the 10<sup>th</sup> November 2018.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** Thursday, October 18, 2018 3:23 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Pure Source Mine Project

**From:** Bruce Strong [mailto:strongbruce619@gmail.com]  
**Sent:** 18 October 2018 12:44 PM  
**To:** zizo@shango.co.za  
**Subject:** Re: Pure Source Mine Project

Dear Zizo

Please register me as an interested and affected party for the above project.

We are the owners of a property downstream at Lapa Manzi.

Thank you.

On Wed, 17 Oct 2018 at 08:46, Bruce Strong <[strongbruce619@gmail.com](mailto:strongbruce619@gmail.com)> wrote:

Dear Zizo

Please register me as an interested and affected party for the above project.

We are the owners of a property downstream at Lapa Manzi.

Thank you.

## Mmakoena

---

**From:** Bob Hartsliet <bobh@dullies.com>  
**Sent:** Friday, October 19, 2018 9:41 AM  
**To:** Gavin Aboud  
**Cc:** Zizo Siwendu; Azwihangwisi Mulaudzi; Azwihangwisi Nemulodi; Mashudu Mulaudzi; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; Mariette Liefferink; Sampie van Rooyen; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; Martin Struwig; kobusvdwalt02@gmail.com; Abrie Hanekom Vaaloewer; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Morning Zizo

On a point of clarity please:

Are SHANGO saying the meeting scheduled for November 10th IS ONLY —for members of the Vaaloewer Rate Payers Association?

I ask this —because by way of an example—my 20 odd staff—(and I dare say all other workers in the impacted area) -

all of whom are certainly interested and affected persons, as they ALL stand to loose their jobs — will not be able to attend your meeting on the 24th without taking a days leave?

Please clarify

Thanks

BobH

On 17 Oct 2018, at 9:36 AM, Gavin Aboud <[gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)> wrote:

Good Day,

I refer your mail below.

The contents is noted.

You may as well cancel the day on the 24<sup>th</sup> as most IAP's have indicated they cannot attend.

The 10<sup>th</sup> November is fine at 10h00 in the morning. I have already sent you a list of 1396 IAP's that should be invited to attend the meeting. Past experience is that in the order of 300 to 400 people will attend. You can make provision for this number,

For your information there are over 900 house and land owners represented by the Vaaloewer Rate Payers Association, i.e. members.

I await the venue and confirmation of the time.

Kind Regards

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 2, 2018 9:18 AM  
**To:** 'Bob Hartsliel'; gavinaboud@vodamail.co.za  
**Cc:** 'Zizo Siwendu'; 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'; 'mark@vldc.co.za'; 'info@vldc.co.za'; 'michael@vldc.co.za'; 'mmakoena@shango.co.za'; 'Mariette Liefferink'; 'Sampie van Rooyen'; 'thabo.moloi@outa.co.za'; 'pieter.hattingh@sibanyestillwater.com'; 'info@vintage-yard.com'; 'craigrichardson100@gmail.com'; 'Martin Struwig'; 'kobusvdwalt02@gmail.com'; 'Abrie Hanekom Vaaloewer'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Bob,

Thank you for your mail.

The public consultation scheduled for the 10<sup>th</sup> November 2018 is not ONLY for members of the Vaaloewer Rate Payers Association. Notification regarding this additional public consultation was sent out to ALL stakeholders on the project database. In addition, any member of the public who wishes to attend this event is welcome.

May you kindly provide us with contact details of your staff members so we may add them onto the project database and send them direct notification regarding this project?

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Bob Hartsliel [mailto:boh@dullies.com]  
**Sent:** Friday, October 19, 2018 9:41 AM  
**To:** Gavin Aboud  
**Cc:**  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Morning Zizo

On a point of clarity please:

Are SHANGO saying the meeting scheduled for November 10th IS ONLY —for members of the Vaaloewer Rate Payers Association?

## Zizo Siwendu

---

**From:** JP @ PBD <jp@pbd.co.za>  
**Sent:** 22 October 2018 07:41 AM  
**To:** zizo@shango.co.za  
**Cc:** gavinabout@vodamail.co.za  
**Subject:** Objection to Mining Rights!  
**Attachments:** CCE20181022.pdf

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                     |                       |   |
|---|---------------------|-----------------------|---|
| <b>Name</b>                                   | JP van Vuuren.      | <b>EAP</b>            | Shango Solutions                          |
| <b>Address</b>                                | 119 Vaalcewer Drive | <b>Contact person</b> | Ms Zizo Siwendu                           |
|   | Vaalcewer.          | <b>Address</b>        | P.O Box 2591                              |
|   |                     |                       | Cresta                                    |
|   |                     |                       | 2118                                      |
| <b>Landowner/Lawful occupier/Organisation</b> | LANDOWNER.          | <b>Project</b>        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0125126194.         | <b>Tel no.</b>        | 011 678 6504                              |
| <b>Email</b>                                  | jp@pbct.co.za.      | <b>Email</b>          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

Property Owner.

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Not Interested!

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

YES.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

YES,  
Vaalcewer, LindeQuesdrift, Vaalcewer.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

NO.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

NO.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

See Gaining About Notes!

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

see VRA Grains About notes

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

see VRA Grains About notes.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

see VRA Grains About notes.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

see VRA Grains About notes.

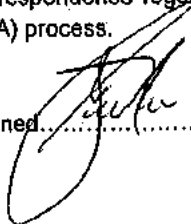
Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Pollution, noise, AIR, water  
our Property Value will decrease.

General Comments:

[Empty box for General Comments]

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name JP van Vuuren Date 16/10/2018



# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                         |                       |   |
|---|-------------------------|-----------------------|---|
| <b>Name</b>                                   | Brendon Gress           | <b>EAP</b>            | Shango Solutions                          |
| <b>Address</b>                                | 619 Van der Merwe drive | <b>Contact person</b> | Ms Zizo Siwendu                           |
|   | Wentworth               | <b>Address</b>        | P.O Box 2591                              |
|   |                         |                       | Cresta                                    |
|   |                         |                       | 2118                                      |
| <b>Landowner/Lawful occupier/Organisation</b> | Landowner               | <b>Project</b>        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 079 441 4767            | <b>Tel no.</b>        | 011 678 6504                              |
| <b>Email</b>                                  | brendongress@gmail.com  | <b>Email</b>          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

Home owned in Van der Merwe

Please state your interest in the proposed project (you are welcome to add additional pages if required):

I Object!

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Yes.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes, Van der Merwe, Lindegueschiff, Wentworth, Wende fort alone.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

No.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

No.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

see Graving About Notes.

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

see gavin About notes

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

see gavin About notes

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

see gavin about notes.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

see gavin about notes.


Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Air and noise Pollution, Health, with dust & water Pollution!

General Comments:

Not interested

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name Brendan Cross Date 22.10.2018

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |   |                       |  |
|---|---|-----------------------|--|
| <b>Name</b>                                   | FREDY P' YVANDE VAN YULBEN                      | <b>EAP</b>            | Shango Solutions                           |
| <b>Address</b>                                | 84 VAAOEWER DRIVE<br>VAAOEWER<br>VANDERBIJLPARK | <b>Contact person</b> | Ms Zizo Siwendu                            |
|   |   | <b>Address</b>        | P.O Box 2591<br>Cresta<br>2118             |
| <b>Landowner/Lawful occupier/Organisation</b> | HOMEOWNER                                       | <b>Project</b>        | Pure Source Mine<br>(FS 30/5/1/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 084 754 3103 & 012 114 6885                     | <b>Tel no.</b>        | 011 678 6504                               |
| <b>Email</b>                                  | WYVANULBEN@GMAIL.COM                            | <b>Email</b>          | zizo@shango.co.za                          |

Organisation and/or property description  
(if landowner/ lawful occupier)

HOMEOWNER IN VAAOEWER

Please state your interest in the proposed project (you are welcome to add additional pages if required):

OBJECT

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

YES

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

YES, VAAOEWER, LINDOQUESDRIFT, VROEFORT DOME, VAAOEDON, INFORMAL SETTLEMENT NEXT TO VAAOEWER.  
CONTACT: GAVIN ABEID (VRA) CHAIRMAN 083 281 5045

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

No, But see VRA (Gavin Abeid) Copy

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

No, See VRA (Gavin Abeid) Copy

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Provided by VRA CHAIRMAN GAVIN ABEID

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

See VRA Gavin Aburd Copy

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

See Gavin Aburd (VRA) Copy

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

See Gavin Aburd (VRA) Copy

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

See Gavin Aburd (VRA) Copy

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

CONCERNS: POLLUTION - NOISE, AIR, WATER  
DESTROY: PROPERTY VALUES, OUR VIEW, WILDLIFE, ROADS,  
NATURE, PEACE.  
WE OBJECT !!!

General Comments:

We support The Vanderloo Rate Payers Association

Chairman: Gavin Aburd 083 281 5045

email: gavinaburd@vanderloo.co.za

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name W.F. VAN VUREN Date 19/10/2018

YOLANDE VAN VUREN

19/10/2018

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, November 5, 2018 1:54 PM  
**To:** jp@pbd.co.za  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Pure Source Mine

Good day,

Thank you for completing the Interested and Affected Party registration form. Your comments are duly noted.

Should you have any questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Monday, October 22, 2018 7:06 PM  
**To:** 'Gavin Aboud'; 'Zizo Siwendu'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vlDC.co.za; info@vlDC.co.za; michael@vlDC.co.za; mmakoena@shango.co.za; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaalower'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; koos@sutherlamb.co.za; 'Wimpy'  
**Subject:** FSE's COMMENTS Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** PURE SOURCE - GOOSEBAY - DIRECTIVE DMR.pdf

Dear Zizo,

I write on behalf of the Federation for a Sustainable Environment.

We kindly request clarification regarding the following perceived anomaly:

In terms of the Draft Scoping Report for Pure Source Mine (DMR REFERENCE NUMBERS: FS 30/5/1/2/2/10048 MR; FS 30/5/1/2/3/2/1/10048 EM) we are advised that *“it is important that Interested and Affected Parties are provided with an opportunity to review and comment on the Scoping Report, thereby contributing to the Scoping process and assisting in identifying any additional risks or impacts that may be experienced. As such, a public consultation is being undertaken for this project and results will be documented in the Final Scoping Report. This report will be made available to Interested and Affected Parties for review and comment for a period of 30 days ending on the 9th November 2018.”*

(Emphasis added.)

A public participation meeting, in terms of the subjoined correspondence, is scheduled for the 10<sup>th</sup> of November, 2018. Since the time period for review and comment prescribes, according to the abovementioned notification, on the 9<sup>th</sup> November, 2018, kindly advise whether the oral comments of IAPs, submitted during the public participation meeting on the 10<sup>th</sup> of November, 2018 and the written comments, which the public participation meeting may solicit and which may be submitted after the public participation meeting, will be incorporated in the Comments and Response Report which will be submitted to the Department of Mineral Resources.

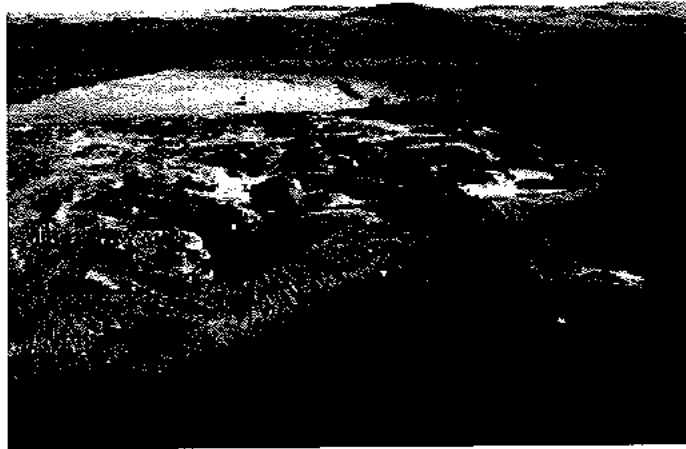
Furthermore, it is our understanding that the following has relevance:

In terms of the attached Pre-Directive of the Department of Mineral Resources, dated the 14<sup>th</sup> of September, 2018, the Goosebay Farm (Pty) Ltd (wholly owned by the Van Wyk Land Development Corporation (Pty) Ltd “VLDC” Group) failed to - in terms of section 43(4) of the MPRDA - apply for a closure certificate within the prescribed 180 days of the lapsing of its mining permit.

The same above-mentioned “VLDC” Group applied for a new Mining Right on the 24<sup>th</sup> of August 2018 as well as an Environmental Authorisation and has submitted its Draft Scoping Report for public comment.

According to the DMR’s Pre-Directive, the owner, namely the VLDC Group, furthermore contravened the Environmental Authorisation by failing to:

1. Submit a monitoring and performance assessment / environmental audit report to the Office of the DMR.
2. Conduct concurrent rehabilitation. Please see the subjoined authentic photographic evidence in substantiation.



in terms of section 23(g) of the MPRDA “the Minister must grant a mining right if the applicant is not in contravention of any provision of this Act”. By analogous reasoning, the Minister must not grant a mining right if the applicant is in contravention of any provision of the Act. Since the owner of Pure Source Mine is the same owner of Goosebay Farm (Pty) Ltd., we are of the considered opinion that the above-mentioned contraventions by the owner ought to influence the decision by the DMR, that is, not to grant an environmental authorisation.

Best Regards  
Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT  
TEL. (+27) 11 465 6910  
(+27) 73 231 4893  
Postnet Suite #113, Private Bag X153, Bryanston, 2021  
E-MAIL: mariette@pea.org.za

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]

**Date:** 17 October 2018 09:36 AM

**To:** 'Zizo Siwendu' <zizo@shango.co.za>

**Cc:** 'Azwiangwisi Mulaudzi' <Azwiangwisi.Mulaudzi@dmr.gov.za>; 'Azwiangwisi Nemulodi' <Azwiangwisi.Nemulodi@dmr.gov.za>; 'Mashudu Mulaudzi' <Mashudu.Mulaudzi@dmr.gov.za>; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; Mariette Liefferink <mariette@pea.org.za>; Sampie van Rooyen <svr@envmvp.com>; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig' <martin.vaaloewer@vodamail.co.za>; kobusvdwalt02@gmail.com; Abrie Hanekom Vaaloewer <marlene@kruppeng.co.za>; Bob <bobh@dullies.com>; Chris <chrisc@cesa.co.za>; Dina <dina.henstock@gmail.com>; liz <liz.tuux@gmail.com>; Louis Kruger <krugerskroon@gmail.com>; Renee <renee@bundunet.com>; Tertius <tertiusw@gmail.com>; warrin <warrinf@gmail.com>

**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,



# mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

## WELKOM

Private Bag X33, Welkom, 9460, 314 Stateway Street, The Strip Building, First & Second Floors, Welkom, 9459  
Tel: 057 3911318, Fax: 057 357 6003, E-mail: reshoketswa.mphaphuli@dmr.gov.za, Ref: FS 30/5/13/3/2/1(302)  
EM

From: Mine Environmental Management      Enquiries: Ms R.R. Mphaphuli

The Directors  
Goosebay Farm (Pty) Ltd  
P.O. Box 17736  
Sunward Park  
1470  
12 September 2018

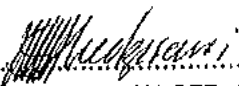
Dear Sir/ Madam

**APPLICATION FOR A CLOSURE CERTIFICATE IN TERMS OF SECTION 43 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) IN RESPECT OF PORTION 3 OF THE FARM WOODLANDS 407, SITUATED IN THE MAGISTERIAL DISTRICT OF PARYS, FREE STATE REGION.**

1. This office has noted that your mining permit issued by this department has lapsed and thus is invalid. It was also realized that rehabilitation on your mining area is incomplete and as results you are required to rehabilitate the mining area as per the approved EMP as your mining permit has lapsed.
2. In terms of section 43(4) of the Act, an application for a closure certificate must be lodged 180 days of the occurrence of the lapsing, cancellation, cessation, relinquishment, or completion of the closure plan.
3. You are therefore advised to submit the final performance assessment report, environmental risk report, and closure plan as required in terms of regulation 55, 60 & 62 of the Act, by not later than the **13<sup>th</sup> of October 2018** (30 days).

Failure to comply with this directive by that date constitutes an offence in terms of section 98 and thus might result in this department taking corrective action against you.

Your co-operation will be appreciated

pp.   
REGIONAL MANAGER: MINERAL REGULATION  
FREE STATE REGION

ACKNOWLEDGEMENT OF RECEIPT: 

DATE: 11/09/2018

ALL CORRESPONDENCE SHOULD BE ADDRESSED TO THE REGIONAL MANAGER DEPARTMENT OF MINERAL RESOURCES : FREE STATE REGION





# mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

WELKOM

Private Bag X33, Welkom, 9460, 314 Stateway Street, The Strip Building, First & Second Floors, Welkom, 9459  
Tel: 057 3911318, Fax: 057 357 6003, E-mail: resthoketswe.mphaphuli@dmr.gov.za, Ref: FS 30/5/1/3/3/2/1(304)  
EM

**From:** Mine Environmental Management      **Enquiries:** Ms R.R. Mphaphuli

The Directors  
Goosebay Farm (Pty) Ltd  
P.O. Box 17736  
Sunward Park  
1470  
12 September 2018

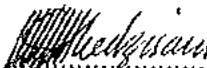
Dear Sir/ Madam

**APPLICATION FOR A CLOSURE CERTIFICATE IN TERMS OF SECTION 43 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) AS AMENDED IN RESPECT OF THE REMAINING EXTEND OF THE FARM WOODLANDS 407, SITUATED IN THE MAGISTERIAL DISTRICT OF PARYS, FREE STATE REGION.**

1. This office has noted that your mining permit issued by this department has lapsed and thus is invalid. It was also realised that rehabilitation on your mining area is incomplete and as a result you are required to rehabilitate the mining area as per the approved EMP as your mining permit has lapsed.
2. In terms of section 43(4) of the Act, an application for a closure certificate must be lodged 180 days of the occurrence of the lapsing, cancellation, cessation, relinquishment, or completion of the closure plan.
3. You are therefore advised to submit the final performance assessment report, environmental risk report, and closure plan as required in terms of regulation 55, 60 & 62 of the Act, by not later than the 13<sup>th</sup> of October 2018 (30 days).

Failure to comply with this directive by that date constitutes an offence in terms of section 98 and thus might result in this department taking corrective action against you.

Your co-operation will be appreciated

pp...   
REGIONAL MANAGER: MINERAL REGULATION  
FREE STATE REGION

ACKNOWLEDGEMENT OF RECEIPT: 

DATE: 16/09/2018

ALL CORRESPONDENCE SHOULD BE ADDRESSED TO THE REGIONAL MANAGER DEPARTMENT OF MINERAL RESOURCES : FREE STATE REGION



## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

01015 152

### WELKOM

Private Bag X 33, Welkom, 9460, Tel: 057 391 1300, Fax: 057 357 6003  
The Strip Building, 314 Stateway Street, First & Second Floors, Welkom, 9459

Enquiries: Ms. R.R. Mphaphuli  
E-mail Address: [reshoketswe.mphaphuli@dmr.gov.za](mailto:reshoketswe.mphaphuli@dmr.gov.za)  
Sub-Directorate: Mine Environmental Management

Ref No: FS 30/5/1/2/3/2/1/10020 EM

### PER MAIL & REGISTERED MAIL

The Directors  
Tja Naledi Beafase Investment Holding (Pty) Ltd  
P.O. Box 11  
Modderfontein  
1654

Attention: Mr. Henk Barnard  
Email: [henk@ctv.sphgroup.co.za](mailto:henk@ctv.sphgroup.co.za)

Fax: 011 606 3116

Dear Sir/Madam,

**Notice of intention to issue a compliance notice in terms of Section 31L of the National Environmental Management Act (Act 107 of 1998), as amended in relation to Environmental Authorisation for the Mining Right for Tja Naledi Beafase Investment Holding (Pty) Ltd in respect of portion 4 of the farm Woodlands 407 which is situated in the magisterial district of Parys: Free State Region.**

I, **Azwihangwisi Mulaudzi**, in my capacity as a grade 1 Environmental Mineral Resource Inspector (EMRI), hereby give you written notice of my intention to issue you **Tja Naledi Beafase Investment Holding (Pty) Ltd**, with a compliance notice in terms of Section 31L of the National Environmental Management Act, 1998 (Act No.107 of 1998), hereinafter referred to as "NEMA".

The compliance notice that I intend to issue relates to your non-compliance with conditions of the issued Environmental Authorisation dated **28<sup>th</sup> of September 2016**.

#### **1. Details of conduct constituting non-compliance:**

I have reasonable grounds to believe that you have contravened the Environmental Authorisation in the following manner:

- 1.1. **Item 4.1** on page 9 of the (Approval Letter) environmental Authorisation and read with Section 24(Q) of the National Management Act, 107 (Act 107 of 1998) as amended which reads as follows: "*as part of the general terms and conditions for an environmental authorization and in order to (a) ensure compliance with the conditions of the environmental authorization and (b) in order to assess the continued appropriateness and adequacy of the environmental management programme; every holder and every holder of an old order right must conduct such monitoring and such performance assessment of the approved environmental management programme as may be prescribed*" read with regulation 34 (1) to (7) contemplated in information set out on Appendix 7 (1) to (3) directs the holder to conduct monitoring and submit performance assessment report/environmental audit report as prescribed.

According to the records that we have in the office, the monitoring and performance assessment/ environmental audit report was never submitted to this office up to date.

- 1.2. **Item 2.6** on page 7 of the approved EMP which state that "*.....only one active cell will be open at any given time. Rehabilitation will be conducted concurrently and the open cell will be kept as small as practically possible.*"

The above information was also confirmed during a site inspection conducted on **31<sup>st</sup> of August 2018** by officials from this Department.

**2. This notice of intention to issue a compliance notice issued against you requires the following steps to be taken:**

- 2.1. To inform this Department and provide reasons **within fourteen (14) calendar days** from receipt of this notice why you are not complying with the issued Environmental Authorisation on **28<sup>th</sup> of September 2016**, with specific reference to the information indicated above.
- 2.2. Submit two copies of Environmental Audit Reports/Performance Assessment Reports compiled by independent competent person (*who does not have vested interest in the operation*) within **thirty (30) calendar** days from the date of receipt this compliance notice and such report must be compiled according to Appendix 7 of the 2014 EIA Regulation.
- 2.3. Commence with rehabilitation **within thirty (30) calendar days** from the date of receipt of the compliance notice.
- 2.4. You are hereby afforded a period of **fourteen (14) calendar days** after receipt of this notice, to provide reasons as to why a Compliance Notice in terms of Section 31L of NEMA should not be issued against your company.

5. Failure to comply with this notice may result the environment inspector will report the non-compliance to the Minister, as case may be, and the Minister may-

- 3.1. **Immediately stop** intending to conduct any mining activities on site as you are not yet commence with the mining activities on site and apply for closure certificate in terms of section 43 of the Mineral and Petroleum Resource Development Act, 2002 (Act no 22 of 2002) as amended.
- 3.2. **Within seven (7) days** after receipt of the Compliance Notice, submit an undertaking to this Department that no further non-compliances to the Environmental Authorisation will occur.

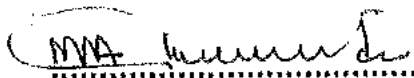
Further note that, contravention of an issued Environmental Authorisation constitutes an offence in terms of Section 49 (A) (1) (c) of NEMA. Section 49(C) which states that " a person is guilty of an offence if that person - fails to comply with or contravenes a condition of an environmental authorisation granted for a listed activity or specified activity or approved environmental management programme".

Section 49B (1) (a), (b), (c), (d), (e), (f), or (g) further states that " a person convicted of an offence in terms of section 49(A)(1) (c) is liable to a fine not exceeding R10 million or to imprisonment for a period not exceeding ten years, or to both such fine and such imprisonment".

**Note: All correspondence and/or representations regarding this pre-compliance notice should be sent to this office, either by hand delivery or via post on the above-mentioned address. Alternatively, you can fax to 057 356 6003.**

Should you have any further queries, please contact the relevant official at the above contact details.

Signed on this 13<sup>th</sup> day of September 2018, at Wetkom



.....  
**Mr Azwihangwisi Mulaudzi**  
**Environmental Mineral Resource Inspector: Grade 1**  
**Regional Manager: Mineral Regulation: Free State Region**  
**Department of Mineral Resources**

*Please quote this office reference number for any correspondence.*

**Acknowledgement of Receipt.**

Received by Mr. /Ms. H. Z. Barnard ..... On behalf of  
the Company Tia Naledi Beafase Holdings (Pty) Ltd on this 14 (day) of  
(Month) September (year) 2018, at Portion A of the farm Woodlands



**Signature:**

**Henk Barnard**  
Mine Manager  
Barrage Bulk Sand

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 2, 2018 11:51 AM  
**To:** 'Mariette Liefferink'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'; 'mark@vldc.co.za'; 'info@vldc.co.za'; 'michael@vldc.co.za'; 'mmakoena@shango.co.za'; 'Sampie van Rooyen'; 'thabo.moloi@outa.co.za'; 'pieter.hattingh@sibanyestillwater.com'; 'info@vintage-yard.com'; 'craigrichardson100@gmail.com'; 'Martin Struwig'; 'kobusvdwalt02@gmail.com'; 'Abrie Hanekom Vaaloeuw'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'koos@sutherlamb.co.za'; 'Wimpy'; 'zizo@shango.co.za'; 'gavinaboud@vodamail.co.za'  
**Subject:** RE: FSE's COMMENTS Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Mariette,

Thank you for your correspondence.

Oral comments of I&APs to be submitted during the upcoming consultation event on the 10<sup>th</sup> November 2018 and all written comments received from I&APs prior to the finalisation of the Final Scoping Report will be incorporated in the Issues and Response Report (an appendix to the Final Scoping Report,) which will be submitted to the Department of Mineral Resources.

Kindly be advised that the Applicant is in the process of applying for a Closure Certificate over the Mining Permit areas.

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Mariette Liefferink [mailto:mariette@pea.org.za]  
**Sent:** Monday, October 22, 2018 7:06 PM  
**To:** 'Gavin Aboud'; 'Zizo Siwendu'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'; 'mark@vldc.co.za'; 'info@vldc.co.za'; 'michael@vldc.co.za'; 'mmakoena@shango.co.za'; 'Sampie van Rooyen'; 'thabo.moloi@outa.co.za'; 'pieter.hattingh@sibanyestillwater.com'; 'info@vintage-yard.com'; 'craigrichardson100@gmail.com'; 'Martin Struwig'; 'kobusvdwalt02@gmail.com'; 'Abrie Hanekom Vaaloeuw'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'koos@sutherlamb.co.za'; 'Wimpy'  
**Subject:** FSE's COMMENTS Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Tuesday, October 23, 2018 1:58 PM  
**To:** 'Zizo Siwendu'  
**Cc:** jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

I refer correspondence below.

Please advise what arrangements have been made?

Time is now of the essence , and should you delay this matter any further, the 10<sup>th</sup> of November will no longer be acceptable due to the short notice period.

Please urgently advise?

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment



**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 17 October 2018 04:23 PM  
**To:** 'Zizo Siwendu'  
**Cc:** 'jochen@shango.co.za'; 'stefanie@shango.co.za'; 'mark@vldc.co.za'; 'info@vldc.co.za'; 'michael@vldc.co.za'; 'mmakoena@shango.co.za'; 'Sampie van Rooyen'; 'thabo.moloi@outa.co.za'; 'pieter.hattingh@sibanyestillwater.com'; 'info@vintage-yard.com'; 'craigrichardson100@gmail.com'; 'Martin Struwig'; 'kobusvdwalt02@gmail.com'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Tuesday, October 23, 2018 3:45 PM  
**To:** 'Mariette Liefferink'; 'Zizo Siwendu'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

, we have received no notification , please advise?

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment



**From:** Mariette Liefferink [mailto:mariette@pea.org.za]  
**Sent:** 18 October 2018 07:57 AM  
**To:** 'Zizo Siwendu'; 'Gavin Aboud'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo

I thank you for the notification, which I, on behalf of the Federation for a Sustainable Environment – a registered interested and affected party – accept.



## Mmakoena

---

**From:** Tertius Wehmeyer <tertiusw@gmail.com>  
**Sent:** Tuesday, October 23, 2018 4:43 PM  
**To:** Chris Campbell  
**Cc:** Mariette Liefferink; Zizo Siwendu; Gavin Aboud; mmakoena@shango.co.za; koos@sutherlamb.co.za; Wimpy; stefanie@shango.co.za; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; Mashudu Mulaudzi; craigrichardson100@gmail.com; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; Abrie Hanekom Vaalower; Bob; Dina; liz; Louis Kruger; Renee; warrin; Azwihangwisi Nemulodi; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** image001.png

Dear Zizo.

In support of Chris's words below, I also want to remind you that both NEMA and EIA Regulations require EAPs to act independently.

Although you are paid by the applicant, the EIA Report/s should be objective and not focused on ensuring that the applicant obtains a mining right at the expense of I&APs.

For mining to be economically sustainable for the whole community, the full economic and environmental impact on other businesses, property owners and residents in the surrounding area and that use the same infrastructure like roads, should be investigated and be included in reports.

We have not seen such a report on the economic sustainability, which needs to take environmental sustainability into account, for all involved by e.g. a development economist in any of the applications for mining in our areas. We trust that such an investigation will be undertaken with this current application.

We look forward to hearing what Shango's intention is in this regard. Please respond.

Tertius Wehmeyer  
I&AP

On Mon, 15 Oct 2018, 12:29 Chris Campbell <[chrisc@cesa.co.za](mailto:chrisc@cesa.co.za)> wrote:

Dear Zizo

Further to the concerns raised by Mariette and other IAP's, whilst we understand that it is the prerogative of the company Shango Solutions to accept and undertake business related to providing professional services to your Clients, it would be remiss of us not to remind you that individual competent registered Professional Practitioners with either the Council for Natural Sciences or the Engineering Council of South Africa who are commissioned to undertake such work are expected to provide such services based on independence and thorough adherence to codes of professional conduct and prevailing environmental legislation. Should such

## Mmakoena

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**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Tuesday, November 20, 2018 9:01 AM  
**To:** 'Tertius Wehmeyer'; chrisc@cesa.co.za  
**Cc:** mariette@pea.org.za; zizo@shango.co.za; gavinaboud@vodamail.co.za; 'koos@sutherlamb.co.za'; 'Wimpy' (wimpyermelo@djvr.co.za); 'stefanie@shango.co.za'; 'jochen@shango.co.za'; 'craigrichardson100@gmail.com'; 'thabo.moloi@outa.co.za'; 'pieter.hattingh@sibanyestillwater.com'; marlene@kruppeng.co.za; bobh@dullies.com; renee@bundunet.com; warrinf@gmail.com; 'mark@vldc.co.za'; 'michael@vldc.co.za'; 'info@vldc.co.za'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Tertius,

Thank you for your mail.

Your comments are duly noted.

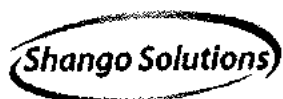
Regulation 50 (d) of the Mineral and Petroleum Resources Development Regulations states that a sustainable development cost-benefit analysis be conducted to determine the best use of alternative land options. To this end, all the sustainable development impacts (social, economic and environmental ) need to be listed and equitably weighed up against one another to determine the best land-use for this and the next generation. Furthermore, in terms of the principles of the National Environmental Management Act (NEMA) , the Environmental Assessment Practitioner (EAP) should evaluate the Best Practicable Environmental Option (BPEO). The BPEO, as defined in NEMA, means the option that provides the most benefit or causes the least damage to the environment as a whole, at a cost acceptable to society, in the long-term as well as in the short-term.

As such, a sustainable development cost-benefit analysis will be conducted during the Environment Impact Assessment (EIA) phase of the project. Land uses that will be considered in the assessment are mining, agriculture and eco-tourism/tourism.

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Tertius Wehmeyer [mailto:tertiusw@gmail.com]

**Sent:** Tuesday, October 23, 2018 4:43 PM

**To:** Chris Campbell

**Cc:** Mariette Liefferink; Zizo Siwendu; Gavin Aboud; mmakoena@shango.co.za; koos@sutherlamb.co.za; Wimpy; stefanie@shango.co.za; jochen@shango.co.za; azwlhangwisi.mulaudzi@dmr.gov.za; Mashudu Mulaudzi;

## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Tuesday, October 23, 2018 7:06 PM  
**To:** 'Zizo Siwendu'; 'Gavin Aboud'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestilwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloeuer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; koos@sutherlamb.co.za; 'Wimpy'  
**Subject:** SENSE OF PLACE AND BPEO: (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo

Once more write on behalf of the Federation for a Sustainable Environment. We apologise for our fragmented responses.

In our perusal of the Visual Assessment (Appendix F6) of the above Application, we noticed that the Consultant failed to assess the economic value of the loss of sense.

It is part of our law that the potential impact of a development on the sense of place of an area must be considered. In the case of Director: Mineral Development Gauteng Region and another v. Save the Vaal Environment and others 1999 (2) SA 709 (SCA) at 715C, the Supreme Court of Appeals with regard to a proposed mine on a wetland next to the Vaal river, identified as an environmental concern the "...predicted constant noise, light, dust and water pollution resulting from the proposed strip mine will totally destroy the 'sense of place' of the wetland and the associated Cloudy Creek. Thus the spiritual, aesthetic and therapeutic qualities associated with this area will also be eliminated."

This finding by the court established sense of place, as an environmental concern that can be impacted upon by development and that should be considered accordingly. The court also defined some of the aspects that constitute the concept 'sense of place.'

Furthermore, in terms of the Principles of the NEMA, the EAP should evaluate the Best Practicable Environmental Option (BPEO).

The balancing of the negative environmental impacts versus the alleged short term social benefits (which have not accrued in the last period of mining to the local communities) and the economic advantages can only be assessed if the loss to the environment is evaluated.

The EIA must take into account the environmental sensitivity of the area, the overall environmental and socio-economic costs and benefits of mining as well as the potential strategic importance of the minerals to the country. We therefore call for a full economic evaluation of the proposed sand, gravel and alluvial diamond mining compared with other reasonable/feasible alternative land uses (such as tourism and eco-tourism), as a necessary component of the EIA, in order to demonstrate that mining would be the optimum sustainable land use in the Vaaloeuer area.

This should include an assessment of the opportunity costs, e.g.:

- o Understanding the value of the foregone opportunities;
- o The achievement of the desired aim/goal for the specific area;
- o Optimising of positive impacts;
- o Minimising of negative impacts;
- o Equitable distribution of impacts; and

o The maintenance of ecological integrity and environmental quality.

We await your reply to the above-mentioned comments.

Best Regards

Mariette Liefferink

CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

TEL. (+27) 11 465 6910

(+27) 73 231 4893

Postnet Suite #113, Private Bag X153, Bryanston, 2021

E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 2, 2018 11:28 AM  
**To:** 'Mariette Liefferink'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'; 'mark@vlDC.co.za'; 'info@vlDC.co.za'; 'michael@vlDC.co.za'; 'mmakoena@shango.co.za'; 'Sampie van Rooyen'; 'thabo.moloi@outa.co.za'; 'pieter.hattingh@sibanyestillwater.com'; 'info@vintageyard.com'; 'craigrichardson100@gmail.com'; 'Martin Struwig'; 'kobusvdwalt02@gmail.com'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'koos@sutherlamb.co.za'; 'Wimpy'; zizo@shango.co.za; gavinaboud@vodamail.co.za  
**Subject:** RE: SENSE OF PLACE AND BPEO: (FS 30/5/1/2/3/2/1/10048 EM)

Dear Mariette,

Thank you for your mail.

We would like to provide comments aiming at addressing the following issues (written in bold) raised in your correspondence:

### **Economic value of sense of place**

The economic report (Appendix F16) has considered sense of place to the extent that it is relevant in assessing potential impacts on property values and tourism. There is no impact category called "economic value of the loss of sense of place" or something similar. The assessment of impacts on property values and tourism is highly reliant on the outputs of the other specialist studies (visual, social, air quality, noise, biodiversity, wetland and hydrology) in terms of content and level of detail. The economic report utilised these studies to determine the impacts on property values and tourism.

### **Best Practicable Environmental Option**

Kindly note that we are in the Scoping phase of the environmental assessment process. The purpose of the Scoping phase considers, but is not limited to, the following:

- Gather baseline (mainly desktop) information about the receiving environment.
- Identification of (i) potential environmental impacts (negative and positive) and (ii) fatal flaws.
- Based on the outcome, determine which areas can be mined with minimal risk to the environment.

The mining footprint has been reduced significantly due to the environmental sensitivities that were identified on site during the Scoping phase. Additional and more in-depth specialist studies will be carried out during the EIA phase. Depending on the outcome of these detailed studies, the mining footprint may be further reduced to avoid any additional environmental sensitivities, which may be identified on site.

In addition, negative and positive environmental impacts associated with the project have been identified and assessed in the Scoping Report and these will be further assessed during the EIA phase.

Alternative options for the placement of the associated plant have been considered in the Scoping Report. The preferred plant alternative was selected based on the following:

- The site is currently disturbed and no additional encroachment on natural vegetation will be required.
- This location will have the least impact on the migration patterns of the game that roam on the farm due to the fact that previous mining occurred in this area. It is also near the perimeter of the farm, bordered by fenced agricultural fields on two sides.

- It is in close proximity to existing infrastructure such as a public road network and power supply, therefore minimising construction and operational impacts.
- It is in close proximity to the main sand deposit which in turn requires the least distance for transporting material.
- The site and proposed mine layout, provides a safe separation between active mining in the pit, and vehicle circulation for product collection.
- The site is furthest away from the nearest residential development.

The Applicant will develop farm portions as an eco-estate with residential and hospitality facilities, for which an Environmental Authorisation was obtained. The application area is currently utilised as a game farm and this will continue to remain the primary land use with other agricultural activities such as crop production. Mining is an interim land use. As such, we cannot assess tourism and eco-tourism as an alternative land-use because it is the ultimate end land-use for the application area.

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
 [f] +27 11 678 9731 [c] +27 76 714 7937  
 GPS Co-ordinates: -26.151388 27.962913

**From:** Mariette Liefferink [mailto:mariette@pea.org.za]

**Sent:** Tuesday, October 23, 2018 7:06 PM

**To:** 'Zizo Siwendu'; 'Gavin Aboud'

**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Sample van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; koos@sutherlamb.co.za; 'Wimpy'

**Subject:** SENSE OF PLACE AND BPEO: (FS 30/5/1/2/3/2/1/10048 EM)

cc: Zizo

We once more write on behalf of the Federation for a Sustainable Environment. We apologise for our fragmented responses.

In our perusal of the Visual Assessment (Appendix F6) of the above Application, we noticed that the Consultant failed to assess the economic value of the loss of sense.

It is part of our law that the potential impact of a development on the sense of place of an area must be considered. In the case of Director: Mineral Development Gauteng Region and another v. Save the Vaal Environment and others 1999 (2) SA 709 (SCA) at 715C, the Supreme Court of Appeals with regard to a proposed mine on a wetland next to the Vaal river, identified as an environmental concern the "...predicted constant noise, light, dust and water pollution resulting from the proposed strip mine will totally destroy the 'sense of place' of the wetland and the associated Cloudy Creek. Thus the spiritual, aesthetic and therapeutic qualities associated with this area will also be eliminated."

This finding by the court established sense of place, as an environmental concern that can be impacted upon by development and that should be considered accordingly. The court also defined some of the aspects that constitute the concept 'sense of place.'

## Mmakoena

---

**From:** Bob Hartsief <bobh@dullies.com>  
**Sent:** Wednesday, October 24, 2018 9:24 AM  
**To:** Gavin Aboud; Zizo Siwendu  
**Cc:** Zizo Siwendu; Azwihangwisi Mulaudzi; Azwihangwisi Nemulodi; Mashudu Mulaudzi; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; Mariette Liefferink; Sampie van Rooyen; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; Martin Struwig; kobusvdwalt02@gmail.com; Abrie Hanekom Vaaloewer; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Morning Zizo

ase provide clarification on my query below.

Thanks

BobH

On 19 Oct 2018, at 9:41 AM, Bob Hartsief <[bobh@dullies.com](mailto:bobh@dullies.com)> wrote:

Morning Zizo

On a point of clarity please:

Are SHANGO saying the meeting scheduled for November 10th IS ONLY —for members of the Vaaloewer Rate Payers Association?

I ask this —because by way of an example—my 20 odd staff —(and I dare say all other workers in the impacted area) -

all of whom are certainly interested and affected persons, as they ALL stand to loose their jobs

—  
will not be able to attend your meeting on the 24th without taking a days leave?

Please clarify

Thanks

BobH

On 17 Oct 2018, at 9:36 AM, Gavin Aboud <[gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)> wrote:

Good Day,

I refer your mail below.

The contents is noted.

You may as well cancel the day on the 24<sup>th</sup> as most IAP's have indicated they cannot attend.

The 10<sup>th</sup> November is fine at 10h00 in the morning. I have already sent you a list of 1396 IAP's that should be invited to attend the meeting. Past experience is that in the order of 300 to 400 people will attend. You can make provision for this number,

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                        |                |   |
|--|------------------------|----------------|---|
| Name                                   | Chris Strauss          | EAP            | Shango Solutions                          |
| Address                                | Portion 20 of          | Contact person | Ms Zizo Siwendu                           |
|  | Uitendrecht            | Address        | P.O Box 2591                              |
|  | Kurgs                  |                | Cresta                                    |
| Landowner/Lawful occupier/Organisation | Owner                  | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 083 787 2877           | Tel no.        | 011 678 6504                              |
| Email                                  | chrisstrauss@gmail.com | Email          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

2Ha Portion of a farm used as residence

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Impact on the infrastructure, environment and Quality of life.

Please assist by completing the questions below. These responses will be utilised to inform the Scoping and Environmental Impact Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Owner and occupier

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

No

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

No

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

No

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?



## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, November 5, 2018 8:35 AM  
**To:** 'chris.strauss50@gmail.com'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; mark@vldc.co.za; info@vldc.co.za; mader@skets.co.za; michael@vldc.co.za  
**Subject:** RE: Pure Source Mine  
**Attachments:** Chris Strauss registration form.pdf

Dear Chris,

Thank you for attending the Open Day and for completing the Interested and Affected Party (I&AP) registration form. Your comments are duly noted.

You have been registered as an I&AP and will be kept up to date with any developments regarding this project.

Should you have any questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                             |                |   |
|--|-----------------------------|----------------|---|
| Name                                   | Ann-Marie Strauss           | EAP            | Shango Solutions                          |
| Address                                | Erf 742, Vaal Oener         | Contact person | Ms Zizo Siwendu                           |
|  |                             | Address        | P.O Box 2591                              |
|  |                             |                | Cresla                                    |
| Landowner/Lawful occupier/Organisation | Landowner                   | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 0725899266                  | Tel no.        | 011 678 6604                              |
| Email                                  | annmarie.strauss@saesol.com | Email          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Impact on environment, community and infrastructure

Please assist by completing the questions below. These responses will be utilised to inform the Scoping and Environmental Impact Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Owner

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

N/A

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

N/A

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

N/A

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

?

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, November 5, 2018 8:33 AM  
**To:** 'annamarie.strauss@sasol.com'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za  
**Subject:** RE: Pure Source Mine  
**Attachments:** Anna-Marie registration form.pdf

Dear Anna-Marie,

Thank you for attending the Open Day and for completing the Interested and Affected Party (I&AP) registration form. Your comments are duly noted.

You have been registered as an I&AP and will be kept up to date with any developments regarding this project.

Should you have any questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Thursday, October 25, 2018 6:54 AM  
**To:** 'Zizo Siwendu'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Mariette Liefferink'; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

I have not received a reply in this regard.

Please urgently advise?

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment



**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** 17 October 2018 03:27 PM  
**To:** 'Gavin Aboud'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Mariette Liefferink'; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Gavin,

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Friday, October 26, 2018 12:57 PM  
**To:** 'Mariette Liefferink'; 'Zizo Siwendu'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vlDC.co.za; info@vlDC.co.za; michael@vlDC.co.za; mmakoena@shango.co.za; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day ,

Can we please receive communication in this regard?

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment



*Vaaloewer*

**From:** Mariette Liefferink [mailto:mariette@pea.org.za]  
**Sent:** 18 October 2018 07:57 AM  
**To:** 'Zizo Siwendu'; 'Gavin Aboud'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vlDC.co.za; info@vlDC.co.za; michael@vlDC.co.za; mmakoena@shango.co.za; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Friday, October 26, 2018 12:58 PM  
**To:** 'Zizo Siwendu'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; 'Mariette Liefferink'; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; 'Martin Struwig'; kobusvdwalt02@gmail.com; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

Can I please have a reply?

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment



**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 25 October 2018 06:54 AM  
**To:** 'Zizo Siwendu'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'; 'mark@vldc.co.za'; 'info@vldc.co.za'; 'michael@vldc.co.za'; 'mmakoena@shango.co.za'; 'Mariette Liefferink'; 'Sampie van Rooyen'; 'thabo.moloi@outa.co.za'; 'pieter.hattingh@sibanyestillwater.com'; 'info@vintage-yard.com'; 'craigrichardson100@gmail.com'; 'Martin Struwig'; 'kobusvdwalt02@gmail.com'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good Day,

I have not received a reply in this regard.

## Mmakoena

---

**From:** Bob Hartsliet <bobh@dullies.com>  
**Sent:** Friday, October 26, 2018 12:56 PM  
**Cc:** Mariette Liefferink; Zizo Siwendu; Azwihangwisi Mulaudzi; Azwihangwisi Nemulodi; Mashudu Mulaudzi; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; mmakoena@shango.co.za; Sampie van Rooyen; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; Martin Struwig; kobusvdwalt02@gmail.com; Abrie Hanekom Vaaloewer; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

This is URGENT !

On 26 Oct 2018, at 12:56 PM, Gavin Aboud <[gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)> wrote:

Good Day ,

Can we please receive communication in this regard?

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment  
<image001.jpg>

**From:** Mariette Liefferink [<mailto:mariette@pea.org.za>]  
**Sent:** 18 October 2018 07:57 AM  
**To:** 'Zizo Siwendu'; 'Gavin Aboud'  
**Cc:** 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; [jochen@shango.co.za](mailto:jochen@shango.co.za); [stefanie@shango.co.za](mailto:stefanie@shango.co.za); [mark@vldc.co.za](mailto:mark@vldc.co.za); [info@vldc.co.za](mailto:info@vldc.co.za); [michael@vldc.co.za](mailto:michael@vldc.co.za); [mmakoena@shango.co.za](mailto:mmakoena@shango.co.za); 'Sampie van Rooyen'; [thabo.moloi@outa.co.za](mailto:thabo.moloi@outa.co.za); [pieter.hattingh@sibanyestillwater.com](mailto:pieter.hattingh@sibanyestillwater.com); [info@vintage-yard.com](mailto:info@vintage-yard.com); [craigrichardson100@gmail.com](mailto:craigrichardson100@gmail.com); 'Martin Struwig'; [kobusvdwalt02@gmail.com](mailto:kobusvdwalt02@gmail.com); 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo

I thank you for the notification, which I, on behalf of the Federation for a Sustainable Environment – a registered interested and affected party – accept.

We await your future notification regarding the venue.

Best Regards  
Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Friday, October 26, 2018 5:23 PM  
**To:** 'Mpho'  
**Cc:** 'Jochen Schweitzer'; stefanie@shango.co.za; 'Zizo Siwendu'; 'Mmakoena'  
**Subject:** RE: Pure Source Mine - Additional Public Consultation

Dear Mpho

I thank you for the notification. Kindly respond to my previous correspondence.

Best Regards  
Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT  
TEL. (+27) 11 465 6910  
(+27) 73 231 4893  
Postnet Suite #113, Private Bag X153, Bryanston, 2021  
E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)

**From:** Mpho [mailto:[mpho@shango.co.za](mailto:mpho@shango.co.za)]  
**Sent:** 26 October 2018 03:57 PM  
**Cc:** 'Jochen Schweitzer' <[jochen@shango.co.za](mailto:jochen@shango.co.za)>; stefanie@shango.co.za; 'Zizo Siwendu' <[zizo@shango.co.za](mailto:zizo@shango.co.za)>;  
'Mmakoena' <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)>  
**Subject:** Pure Source Mine - Additional Public Consultation

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith attached notification regarding the additional consultation, for the above mentioned application.

If you have any issues and/or concerns in this regard, please do not hesitate to contact Shango Solutions using the information provided below:

- Tel: 011 678 6504
- Fax: 011 678 9731
- E-mail: [zizo@shango.co.za](mailto:zizo@shango.co.za)
- Project name: Pure Source Mine
- Contact person: Ms Zizo Siwendu
- Postal address: P.O. Box 2591, Cresta, 2118, South Africa

**Best Regards,  
Mpho Mokhoane**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)



## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Saturday, October 27, 2018 12:40 PM  
**To:** 'Mpho'  
**Cc:** 'Jochen Schweitzer'; stefanie@shango.co.za; 'Zizo Siwendu'; 'Mmakoena'  
**Subject:** RE: Pure Source Mine - Additional Public Consultation

Dear Mpho and Zizo

I refer to my previous correspondence and kindly request a response.

With reference to the above notification, I hereby confirm my participation, with thanks.

Best Regards

Mariette Liefferink

O: FEDERATION FOR A SUSTAINABLE ENVIRONMENT  
TEL. (+27) 11 465 6910  
(+27) 73 231 4893  
Postnet Suite #113, Private Bag X153, Bryanston, 2021  
E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)

**From:** Mpho [mailto:[mpho@shango.co.za](mailto:mpho@shango.co.za)]  
**Sent:** 26 October 2018 03:57 PM  
**Cc:** 'Jochen Schweitzer' <[jochen@shango.co.za](mailto:jochen@shango.co.za)>; stefanie@shango.co.za; 'Zizo Siwendu' <[zizo@shango.co.za](mailto:zizo@shango.co.za)>;  
'Mmakoena' <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)>  
**Subject:** Pure Source Mine - Additional Public Consultation

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith attached notification regarding the additional consultation, for the above mentioned application.

If you have any issues and/or concerns in this regard, please do not hesitate to contact Shango Solutions using the information provided below:

- Tel: 011 678 6504
- Fax: 011 678 9731
- E-mail: [zizo@shango.co.za](mailto:zizo@shango.co.za)
- Project name: Pure Source Mine
- Contact person: Ms Zizo Siwendu
- Postal address: P.O. Box 2591, Cresta, 2118, South Africa

**Best Regards,  
Mpho Mokhoane**

## Mmakoena

---

**From:** Danie vd Merwe <danivan@absamail.co.za>  
**Sent:** Sunday, October 28, 2018 11:30 AM  
**To:** Mpho  
**Cc:** 'Jochen Schweitzer'; stefanie@shango.co.za; 'Zizo Siwendu'; 'Mmakoena'  
**Subject:** Re: Pure Source Mine - Additional Public Consultation

Mpho,

I wish to oppose your choice of venue due to it being so far away from the effected area. There are excellent venues within a 5km radius of the affected area and closer to your PRIMARY STAKEHOLDERS. You should move it closer to ensure maximum attendance.

Or better, host us in a tent next to one of the rehabilitated pits of the operation.

Regards

Danie vd Merwe

Kingfisher Bend

Vaaloewer

Sent from my Samsung Galaxy smartphone.

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

**From:** Mpho <mpho@shango.co.za>  
**Date:** 2018/10/26 16:33 (GMT+02:00)  
**To:**  
**Cc:** 'Jochen Schweitzer' <jochen@shango.co.za>, stefanie@shango.co.za, 'Zizo Siwendu' <zizo@shango.co.za>, 'Mmakoena' <mmakoena@shango.co.za>  
**Subject:** Pure Source Mine - Additional Public Consultation

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith attached notification regarding the additional consultation, for the Pure Source Mine project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact Shango Solutions using the information provided below:

- Tel: 011 678 6504
- Fax: 011 678 9731
- E-mail: [zizo@shango.co.za](mailto:zizo@shango.co.za)
- Project name: Pure Source Mine
- Contact person: Ms Zizo Siwendu

## Mmakoena

---

**From:** Solid8 Admin <sadmin@solid8.co.za>  
**Sent:** Sunday, October 28, 2018 6:56 PM  
**To:** Mpho; zizo@shango.co.za  
**Cc:** 'Jochen Schweitzer'; stefanie@shango.co.za; 'Zizo Siwendu'; 'Mmakoena'; Allan Santana  
**Subject:** Re: Pure Source Mine - Additional Public Consultation

Noted with thanks.

I would like to know if we (my husband Allan Santana and I of farm 2 Du Pont) need to still formally lodge an objection or if our attendance on Wednesday was sufficient to notify Shango and Pure Source mining of our intent as an affected and interested party?

Regards,

Simone Santana  
083 200 5009

**From:** Mpho <mpho@shango.co.za>  
**Date:** Friday, 26 October 2018 at 17:22  
**Cc:** 'Jochen Schweitzer' <jochen@shango.co.za>, "stefanie@shango.co.za" <stefanie@shango.co.za>, 'Zizo Siwendu' <zizo@shango.co.za>, 'Mmakoena' <mmakoena@shango.co.za>  
**Subject:** Pure Source Mine - Additional Public Consultation

[zizo@shango.co.za](mailto:zizo@shango.co.za)

## Mmakoena

---

**From:** Frikkie Botha <Frikkie@processpipejhb.co.za>  
**Sent:** Monday, October 29, 2018 6:01 AM  
**To:** Mpho; jonic.botha@gmail.com  
**Cc:** 'Jochen Schweitzer'; stefanie@shango.co.za; 'Zizo Siwendu'; 'Mmakoena'  
**Subject:** RE: Pure Source Mine - Additional Public Consultation  
**Attachments:** Pure Source Mine\_Additional Consultation\_IAP\_2018-10-26.pdf

Good day

Thanks for asking...  
Yes I have concerns...

STOP YOUR MINING.... you will destroy the environment, not to mention destroy the little bit of tourism in the area...  
What you do is messy, and we simply don't need your mining in our area. PLEASE JUST GO!!

Thanks

Frikkie Botha  
0824662731

**From:** Mpho <mpho@shango.co.za>  
**Sent:** Friday, 26 October 2018 16:29  
**Cc:** 'Jochen Schweitzer' <jochen@shango.co.za>; stefanie@shango.co.za; 'Zizo Siwendu' <zizo@shango.co.za>; 'Mmakoena' <mmakoena@shango.co.za>  
**Subject:** Pure Source Mine - Additional Public Consultation

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith attached notification regarding the additional consultation, for the Pure Source Mine project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact Shango Solutions using the information provided below:

- Tel: 011 678 6504
- Fax: 011 678 9731
- E-mail: [zizo@shango.co.za](mailto:zizo@shango.co.za)
- Project name: Pure Source Mine
- Contact person: Ms Zizo Siwendu
- Postal address: P.O. Box 2591, Cresta, 2118, South Africa

**Best Regards,  
Mpho Mokhoane**

## Mmakoena

---

**From:** Nico Botha <jonic.botha@gmail.com>  
**Sent:** Monday, October 29, 2018 9:27 AM  
**To:** 'Mpho'  
**Cc:** 'Jochen Schweitzer'; stefanie@shango.co.za; 'Zizo Siwendu'; 'Mmakoena'  
**Subject:** RE: Pure Source Mine - Additional Public Consultation

Dear Mpho

We are dead against the proposed development. A class action will be brought against the developer should he continue with this.

Yours sincerely

Nico Botha  
29010831

**From:** Mpho [mailto:mpho@shango.co.za]  
**Sent:** 26 Oktober 2018 04:55 PM  
**Cc:** 'Jochen Schweitzer'; stefanie@shango.co.za; 'Zizo Siwendu'; 'Mmakoena'  
**Subject:** Pure Source Mine - Additional Public Consultation

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith attached notification regarding the additional consultation, for the Pure Source Mine project.

If you have any issues and/or concerns in this regard, please do not hesitate to contact Shango Solutions using the information provided below:

- Tel: 011 678 6504
- Fax: 011 678 9731
- E-mail: [zizo@shango.co.za](mailto:zizo@shango.co.za)
- Project name: Pure Source Mine
- Contact person: Ms Zizo Siwendu
- Postal address: P.O. Box 2591, Cresta, 2118, South Africa

**Best Regards,  
Mpho Mokhoane**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 79 263 4612  
GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Monday, October 29, 2018 4:05 PM  
**To:** zizo@shango.co.za; 'Mpho'; jochen@shango.co.za; stefanie@shango.co.za; 'Mmakoena'  
**Cc:** kobusvdwalt02@gmail.com; 'Mariette Liefferink'; Sampie van Rooyen;  
craigrichardson100@gmail.com; thabo.moloi@outa.co.za;  
pieter.hattingh@sibanyestillwater.com; 'Penny'; Abrie Hanekom Vaaloewer; Bob; Chris;  
Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Pure Source Application  
**Attachments:** 1bbce25d-fff9-4ff4-878e-eda48c066ebd.JPG;  
13b5ae8c-00bd-42e8-9c70-6370e6bb3d3a.JPG

Good Day Zizo,

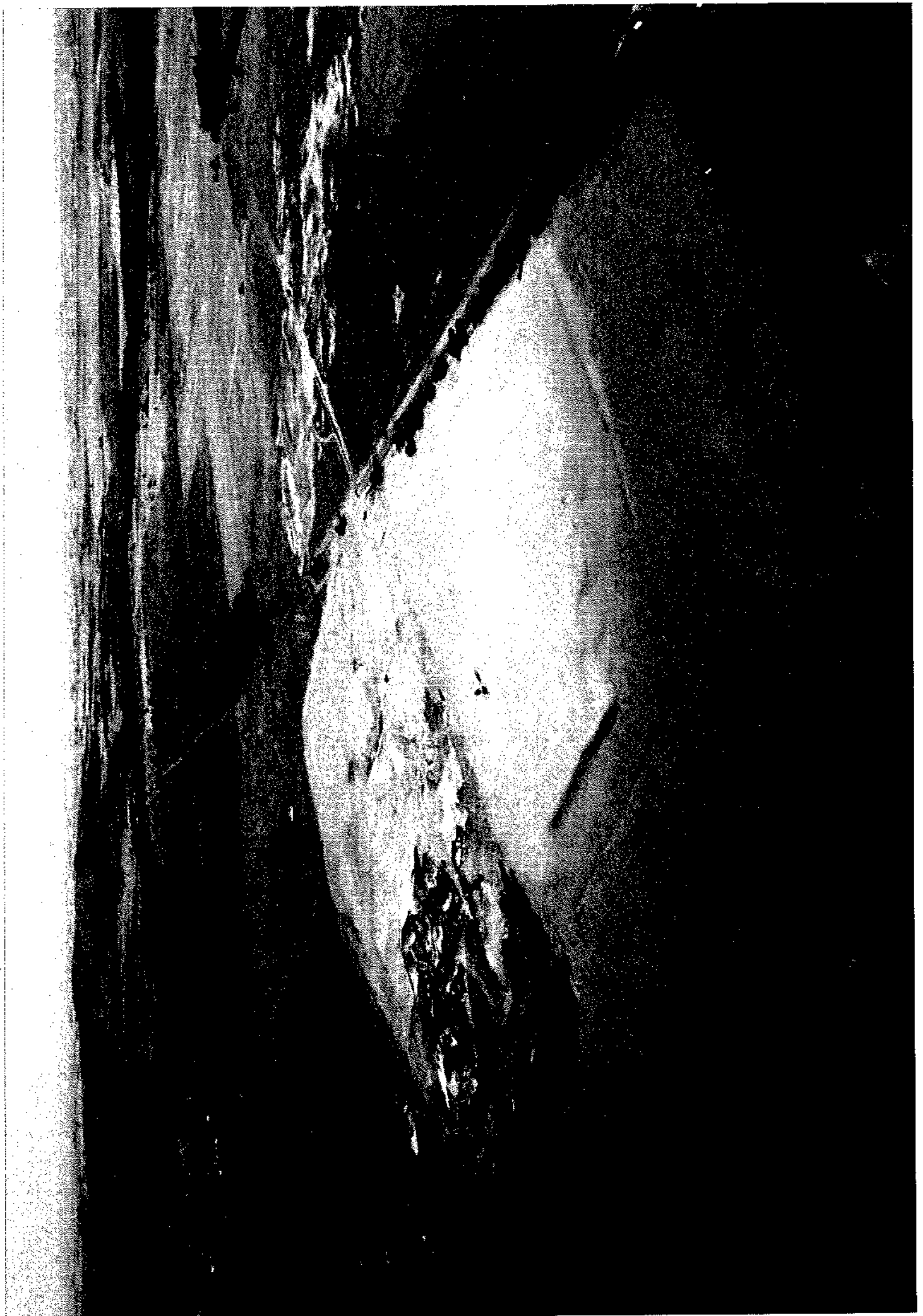
I hope you are well?

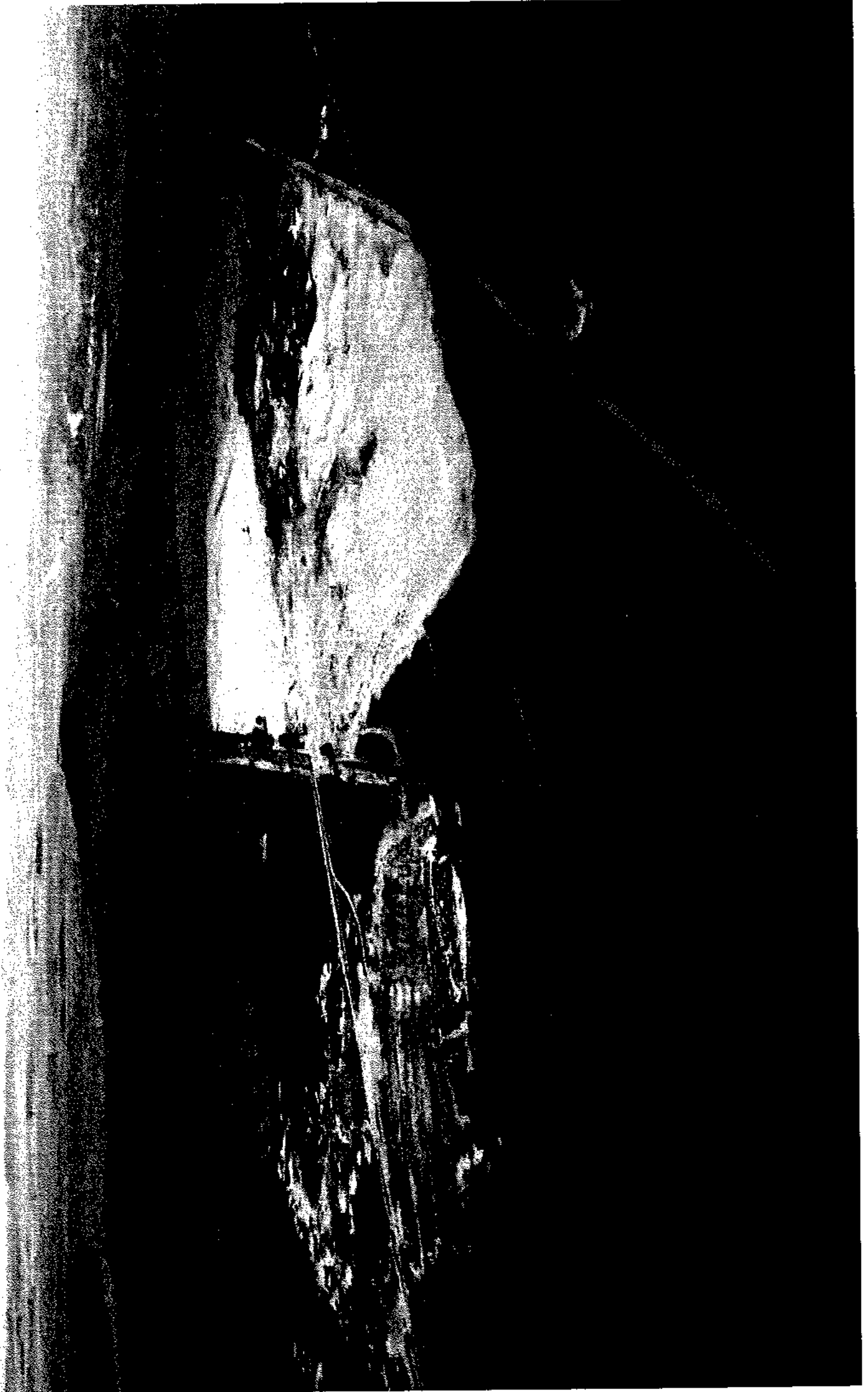
Attached are two shocking photos of the current status of where the proposed mine is to be.

Please can you ensure they are put up for discussion, either with your presentation or on a board. This is for the meeting of the 10th.

Thank you

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment







## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, October 30, 2018 4:02 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Pure Source Application

-----Original Message-----

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** 30 October 2018 12:10 PM  
**To:** 'Gavin Aboud'  
**Subject:** RE: Pure Source Application

Dear Gavin,

Thank you for your mail.

The status of the rehabilitation process will be discussed on the 10th November 2018.

Best regards,  
Zizo Siwendu.

[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za) [f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

-----Original Message-----

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 29 October 2018 04:05 PM  
**To:** zizo@shango.co.za; 'Mpho'; jochen@shango.co.za; stefanie@shango.co.za; 'Mmakoena'  
**Cc:** kobusvdwalt02@gmail.com; 'Mariette Liefferink'; Sampie van Rooyen; craigrichardson100@gmail.com; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; 'Penny'; Abrie Hanekom Vaalower; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Pure Source Application

Good Day Zizo,

I hope you are well?

Attached are two shocking photos of the current status of where the proposed mine is to be.

Please can you ensure they are put up for discussion, either with your presentation or on a board. This is for the meeting of the 10th.

Thank you

Gavin Aboud  
Chairman  
083 281 5045  
Vaalower Ratepayers Association

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Monday, October 29, 2018 4:10 PM  
**To:** zizo@shango.co.za; 'Mpho'; jochen@shango.co.za; stefanie@shango.co.za; 'Mmakoena'  
**Cc:** kobusvdwalt02@gmail.com; 'Mariette Liefferink'; Sampie van Rooyen;  
craigrichardson100@gmail.com; thabo.moloi@outa.co.za;  
pieter.hattingh@sibanyestillwater.com; 'Penny'; Abrie Hanekom Vaaloewer; Bob; Chris;  
Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** RE: Pure Source Application  
**Attachments:** Progression of Goosbay mine over boundaries.pdf

Good Day,

Pursuant to my previous mail.

Please ensure that the attached is also put up on the board, after the photos I sent you, or in your presentation.

I would also like to discuss this on the 10th,

Kind Regards

Gavin Aboud  
Chairman  
083 281 5045  
Vaaloewer Ratepayers Association  
One Tree many Fruits, in a Secure Environment

-----Original Message-----

m: Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
Sent: 29 October 2018 04:05 PM  
To: Zizo Siwendu <zizo@shango.co.za> (zizo@shango.co.za); 'Mpho';  
jochen@shango.co.za; stefanie@shango.co.za; 'Mmakoena'  
Cc: kobusvdwalt02@gmail.com; 'Mariette Liefferink'; Sampie van Rooyen  
(svr@envmgp.com); craigrichardson100@gmail.com; thabo.moloi@outa.co.za;  
pieter.hattingh@sibanyestillwater.com; 'Penny'; Abrie Hanekom Vaaloewer  
(marlene@kruppeng.co.za); Bob; Chris; Dina; liz; Louis Kruger; Renee;  
Tertius; warrin  
Subject: Pure Source Application

Good Day Zizo,

I hope you are well?

Attached are two shocking photos of the current status of where the proposed mine is to be.

2004

LAYER 1 :  
IMAGE 2004



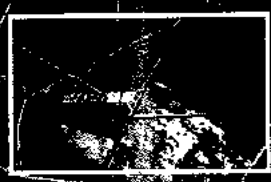
Approved mining lease

Mining Permit 01/2010  
FS 30/5/1/3/2/303MP  
1,5 ha Silica Sand

2010

LAYER 2 :  
IMAGE 2010

- Forest
- Water
- Urban
- Public
- Land parcels
- Parent parcels
- NW
- Urban
- Land parcels
- Parent parcels
- Parks
- Holders
- GP
- Urban
- Parks
- Land parcels
- Parent parcels
- Boundaries
- Mineral Rights
- Holders
- FS Roads 0222
- National Roads
- Primary Roads
- Secondary Roads
- Tertiary Roads
- Vol.Eden
- Privy
- Mining Rights



Approved mining lease

Mining Permit 01/2010  
FS 30/5/1/3/2/303MP  
1,5 ha Silica Sand

2013

LAYER 3  
IMAGE 2013



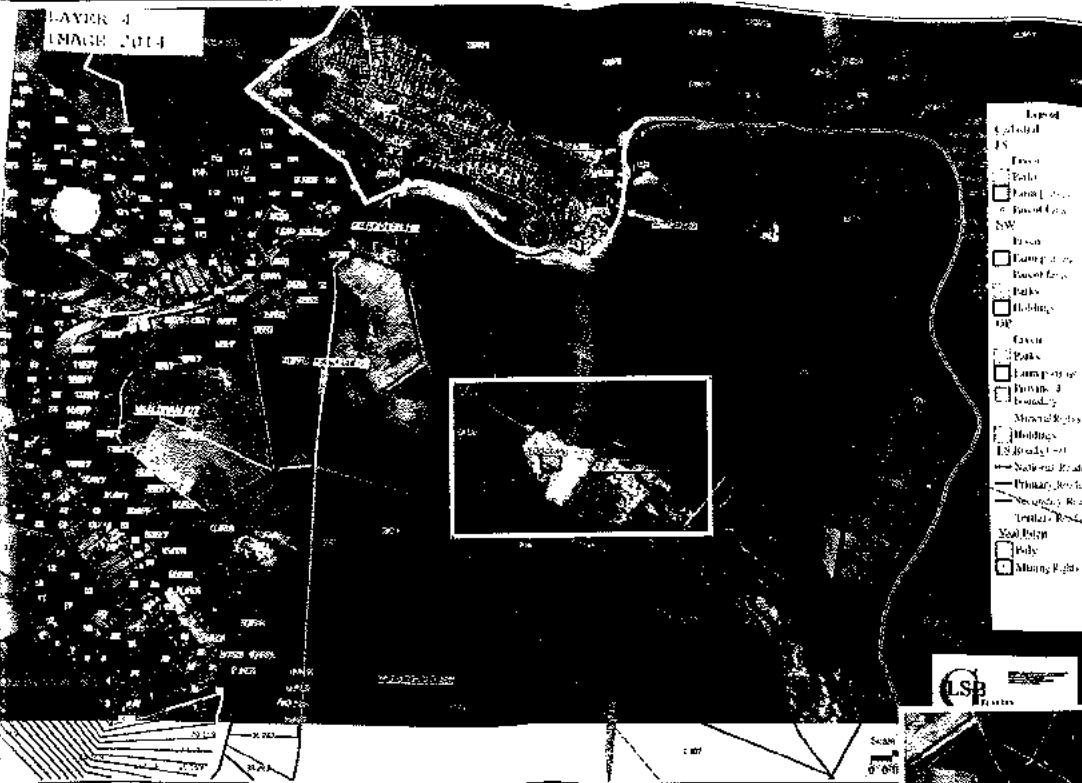
- Legend
- City of
- IS
- Forest
- Park
- Public Property
- Private Land
- Historical Place
- NW
- Forest
- Unimproved
- Private Land
- Park
- Habitat
- GP
- Lease
- Park
- Public Property
- Private Land
- Municipal Boundary
- Historical Rights
- Habitat
- NS Roads 1999
- National Roads
- Primary Roads
- Secondary Roads
- Tertiary Roads
- Water
- Mining Lease



Approved mining lease

Mining Permit 01/2010  
FS 30/5/1/3/2/303MP  
1,5 ha Silica Sand

2014



Approved mining lease

Mining Permit 01/2010  
FS 30/5/1/3/2/303MP  
1,5 ha Silica Sand



2017

JAYER'S  
IMAGE 2017

Urdanover Township

Mining Permit 01/2010  
FS 30/5/1/3/2/303MP  
1,5 ha Silica Sand

Mining Permit 01/2010  
FS 30/5/1/3/2/303MP  
1,5 ha Silica Sand

Mining Permit 03/2010  
FS 30/5/1/3/2/304MP  
1,5 ha Silica Sand

ROAD S177

ROAD S171

ROAD S171

- Legend
- Category
  - EV
  - Forest
  - Park
  - Urban pattern
  - Provincial boundary
  - NM
  - Water
  - Urban pattern
  - Provincial boundary
  - Park
  - Urban
  - GP
  - Forest
  - Park
  - Urban pattern
  - Provincial boundary
  - Municipal Rights
  - Holdings
  - ES Rights (M)
  - Trunk road
  - Primary Road
  - Secondary Road
  - Tertiary Road
  - Valley
  - Photo
  - Mineral Rights

Mining Permit 01/2010  
FS 30/5/1/3/2/303MP  
1,5 ha Silica Sand

Mining Permit 03/2010  
FS 30/5/1/3/2/304MP  
1,5 ha Silica Sand

Approved mining lease

Mining Permit 01/2010  
FS 30/5/1/3/2/303MP  
1,5 ha Silica Sand

ROAD S171

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, October 30, 2018 1:10 PM  
**To:** mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za; schimpers1rob@gmail.com  
**Cc:** mmakoena@shango.co.za  
**Subject:** FW: APPLICATION FOR PROPOSED MINING OF SAND, AGGREGATE/SAND AND ALLUVIAL DIAMONDS: REMAINDER OF WOODLANDS 407, SUBDIVISION 1 OF WOODLANDS 407 AND SUBDIVISION 3 OF WOODLANDS 407  
**Attachments:** img-X30110926.pdf

**From:** Hannes Maree [mailto:MareeH@freetrans.gov.za]  
**Sent:** 30 October 2018 11:30 AM  
**To:** info@shango.co.za  
**Cc:** Monolisa Molahloe  
**Subject:** APPLICATION FOR PROPOSED MINING OF SAND, AGGREGATE/SAND AND ALLUVIAL DIAMONDS: REMAINDER OF WOODLANDS 407, SUBDIVISION 1 OF WOODLANDS 407 AND SUBDIVISION 3 OF WOODLANDS 407

Good day

Please find attached hereto a copy of this Department's letter dated 29 October 2018 pertaining to the above-mentioned matter for your attention.

*Regards* 

Hannes Maree  
Assistant Director: Land Acquisition  
**Department of Police, Roads and Transport**  
Room 106, Medfontein Building, 155 St Andrew Street  
P.O. Box 119, Bloemfontein, 9300  
Tel: 051 409 8275  
Fax: 086 2757 396  
Cell: 082 0599 725



police, roads & transport  
REPUBLIC OF SOUTH AFRICA





police, roads and transport

Department of  
Police, Roads and Transport  
FREE STATE PROVINCE

The Director  
Shango Solutions  
P.O. Box 2591  
CRESTA  
2118

Ref: F36/0/2/203  
Enq: Mr. J.P.W. Maree

Dear Sir/Madam

**APPLICATION FOR THE PROPOSED MINING OF SAND, AGGREGATE/GRAVEL AND ALLUVIAL DIAMONDS: REMAINDER OF WOODLANDS 407, SUBDIVISION 1 OF WOODLANDS 407 AND SUBDIVISION 3 OF WOODLANDS 407**

1. Your fax dated 05 October 2018 pertaining to the above-mentioned matter, with DMR reference number FS30/5/1/2/2/10048EM, refers.
2. This Department takes note of the above-mentioned proposed mining activities that will take place on the Remainder of the farm Woodlands 407, Subdivision 1 of Woodlands 407 and Subdivision 3 of Woodlands 407. Your attention is nevertheless brought thereto that this Department has three borrow pits on Subdivision 4 of Woodlands 407. The numbers of these borrow pits are:
  - 2.1. 203/2/181/170
  - 2.2. 203/2/182/171
  - 2.3. 203/2/183/172
3. This Department reserved these borrow pits in terms of the provisions of section 17(2) of the Free State Roads Ordinance, 1968 (Ordinance no.4 of 1968), as amended. The material from these borrow pits are utilised by the Department for road building or road rehabilitation purposes. Usable material for such purposes are limited in the province.
4. In view of the existing departmental borrow pits on Subdivision 4 of Woodlands 407, this Department has to object should any proposed mining activities for the above-mentioned mining project take place on this property.
5. Any enquiries pertaining to this matter can be directed to Me. Molahloe at telephone no. 051- 409 8589 or e-mail: molahloem@freetrans.gov.za.

Yours faithfully

  
DIRECTOR: ROAD ASSET MANAGEMENT SYSTEMS

Date: ..... 29/10/2018 .....

**Directorate Road Asset Management Systems**

P O Box 118 BLOEMFONTEIN, 9300, Republic of South Africa  
Medfontein Building, 1st Floor, 165 St. Andrews Street, BLOEMFONTEIN  
Tel: (051) 409 8589; E-mail: molahloem@freetrans.gov.za

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, November 1, 2018 10:48 AM  
**To:** 'MareeH@freetrans.gov.za'; molahloem@freetrans.gov.za  
**Cc:** 'Zizo Siwendu'; mark@vlDC.co.za; michael@vlDC.co.za; info@vlDC.co.za; mader@skets.co.za; 'schimpers1rob@gmail.com'; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: APPLICATION FOR PROPOSED MINING OF SAND, AGGREGATE/SAND AND ALLUVIAL DIAMONDS: REMAINDER OF WOODLANDS 407, SUBDIVISION 1 OF WOODLANDS 407 AND SUBDIVISION 3 OF WOODLANDS 407

Good morning,

This correspondence bears reference to your letter dated 29<sup>th</sup> October 2018.

It is duly noted that the Free State Department of Police, Roads and Transport has three borrow pits on Subdivision 4 of Woodlands 407, adjacent to the proposed application area. It is also noted that the Department objects to the proposed mining activities, should the activities take place on the above mentioned property.

Should you have any concerns in this regards, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** Tuesday, October 30, 2018 1:10 PM  
**To:** mark@vlDC.co.za; michael@vlDC.co.za; info@vlDC.co.za; mader@skets.co.za; schimpers1rob@gmail.com  
**Cc:** mmakoena@shango.co.za  
**Subject:** FW: APPLICATION FOR PROPOSED MINING OF SAND, AGGREGATE/SAND AND ALLUVIAL DIAMONDS: REMAINDER OF WOODLANDS 407, SUBDIVISION 1 OF WOODLANDS 407 AND SUBDIVISION 3 OF WOODLANDS 407

**From:** Hannes Maree [mailto:MareeH@freetrans.gov.za]  
**Sent:** 30 October 2018 11:30 AM  
**To:** info@shango.co.za  
**Cc:** Monolisa Molahloe  
**Subject:** APPLICATION FOR PROPOSED MINING OF SAND, AGGREGATE/SAND AND ALLUVIAL DIAMONDS: REMAINDER OF WOODLANDS 407, SUBDIVISION 1 OF WOODLANDS 407 AND SUBDIVISION 3 OF WOODLANDS 407

Good day

Please find attached hereto a copy of this Department's letter dated 29 October 2018 pertaining to the above-mentioned matter for your attention.

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Thursday, November 1, 2018 10:05 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)  
**Attachments:** 20181101084756081.pdf

**Best regards,  
Zizo Siwendu.**



[t] +27 11 678 6504 [w] www.shango.co.za  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Marlene Oosthuisen [mailto:marlene@kruppeng.co.za]  
**Sent:** 01 November 2018 08:58 AM  
**To:** 'Zizo Siwendu'  
**Subject:** RE: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** 05 September 2018 08:29  
**Cc:** jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Dear Landowner,

Please find herewith attached pre-notification regarding a Mining Right Application.

If you have any issues and/or concerns in this regard, please do not hesitate to contact me.

**Best regards,  
Zizo Siwendu.**



[t] +27 11 678 6504 [w] www.shango.co.za  
[f] +27 11 678 9731 [c] +27 72 669 6250  
GPS Co-ordinates: -26.151388 27.962913

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                  |                |   |
|--|------------------|----------------|---|
| Name                                   | Teeki Lucky      | EAP            | Shango Solutions                          |
| Address                                | 15 DE Pont Plaas | Contact person | Ms Zizo Siwendu                           |
|  | PARYS            | Address        | P.O Box 2601                              |
|  |                  |                | Cresta                                    |
|  |                  |                | 2118                                      |
| Landowner/Lawful occupier/Organisation | Lawful occupier  | Project        | Pure Source Mine (FS 30/6/1/2/2/10048 MR) |
| Tel or Cell no.                        | 083 3851 827     | Tel no.        | 011 678 8604                              |
| Email                                  |                  | Email          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

Lawful occupier / farm

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Land owner.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Vaal Eden & Vaal oewer & Plaas de Pont area  
± 1600 people

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Township & primary school.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Holiday resort, wedding venues, game farms & bird sanctuaries  
Next to river & caravan parks.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Flora & fauna  
Grazing  
Natural water table  
Fish & bird life

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Vaal Eden Township  
Townhouse development  
Vaal Eden Caravan Park &  
geusthouse.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Graveyard.  
Cave in Vaaloever area.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Loss of tourism to area.  
Job losses due to decrease in  
tourism  
Depreciation of property values

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Stop mining completely.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Job losses, closure of businesses.  
Property values  
Tar roads not build for heavy vehicles.  
Dust & noise pollution.

General Comments:

**NO Mining!**  
Only one person will benefit from the mining, due to hundreds of job losses.  
Water pollution of Vaal River.  
The mining site is not zoned for mining, but for agriculture.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed Archie Name Kruger Date 20/10/2018

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                  |                |   |
|--|------------------|----------------|---|
| Name                                   | MOLEBOHENG ISGKI | EAP            | Shango Solutions                          |
| Address                                | 16 DE PONT FARM  | Contact person | Ms Zizo Siwendu                           |
|  | PARIS            | Address        | P.O Box 2591                              |
|  | 9535             |                | Cresta                                    |
| Landowner/Lawful occupier/Organisation | LAW OCCUPIER     | Project        | Pure Source Mine (FS 30/6/1/2/2/10048 MR) |
| Tel or Cell no.                        | 011 929 1553     | Tel no.        | 011 678 6504                              |
| Email                                  |                  | Email          | zizo@shango.co.za                         |

Organisation and/or property description  
(If landowner/ lawful occupier)

LAWFUL OCCUPIER

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Land owner.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Voal Eden & Voal owner of Plas de Pont area  
± 1600 people

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Township & primary school.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Holiday resort, Wedding Venues, game farms & bird sanctuaries next to river & caravan parks.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Flora & Fauna  
Grazing  
Natural water table  
Fish & bird life

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Vaal Eden Township  
Townhouse development  
Vaal Eden caravan park &  
guesthouse.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Graveyards  
Cave in Vaal sewer area.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Loss of tourism to area  
Job losses due to decrease in  
tourism  
Depreciation of properties values.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Stop mining completely.


Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Job losses, closure of businesses.  
Property Values  
Tar roads are not built for heavy vehicles  
Dust & noises pollution.

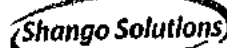
General Comments:

No mining!  
Only one person will benefit from the mining, due to  
hundreds of job losses.  
Water pollution of Vaal River.  
The mining site is not zoned for mining, but for  
agriculture!

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name MOLEBOHENG Date 20-10-2018

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                          |                |  |
|--|--------------------------|----------------|--|
| Name                                   | <i>RANONVANA Michael</i> | EAP            | Shango Solutions                             |
| Address                                | <i>184 De Poort Farm</i> | Contact person | Ms Zizo Siwendu                              |
|  | <i>Barry's<br/>91585</i> | Address        | P.O Box 2591<br>Cresla<br>2118               |
| Landowner/Lawful occupier/Organisation | <i>FARM WORK</i>         | Project        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | <i>071 774 1534</i>      | Tel no.        | 011 678 6504                                 |
| Email                                  | <i>Michael@co.za</i>     | Email          | zizo@shango.co.za                            |

Organisation and/or property description  
(if landowner/ lawful occupier)

*FARM*

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

*Land Owner*

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

*Vaal Eden & Vaal Oewer & Plaas de Pont area  
± 1600 people*

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

*Township & primary school*

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

*Holiday resort, wedding venues, game farms & bird sanctuaries  
Next to river & caravan parks.*

Can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

*Flora & Fauna  
Grazing  
Natural water table  
Fish & bird life.*



Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Vaal Eden Township  
Townhouse development  
Vaal Eden Caravan park &  
guesthouse.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Caveyards.  
Cave in Vaaloever area.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Loss of tourism to area  
Job losses due to decrease  
in tourism  
Depreciation of property values.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Stop mining completely.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Job losses, closure of businesses  
Property values  
Tar roads not build for heavy  
vehicles.  
Dust & noise pollution.

General Comments:

NO mining  
only one person will benefit from the mining,  
due to hundreds of job losses.  
Water pollution of Vaal River.  
The mining site is not zoned for mining,  
but for agriculture.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed Rama NANA Name [Signature] Date 13/10/2018

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                  |                |  |
|--|------------------|----------------|--|
| Name                                   | TUCKI JOYCE M.   | EAP            | Shango Solutions                         |
| Address                                | 184 DG PONT FARM | Contact person | Ms Zizo Siwendu                          |
|  | PAYS             | Address        | P.O Box 2591                             |
|  | 9545             |                | Cresta                                   |
|  |                  | 2116           |  |
| Landowner/Lawful occupier/Organisation |                  | Project        | Pure Source Mine (FS 30/5/12/2/10048 MR) |
| Tel or Cell no.                        | 0734215529       | Tel no.        | 011 678 6504                             |
| Email                                  |                  | Email          | zizo@shango.co.za                        |

Organisation and/or property description  
(if landowner/ lawful occupier)

FARM

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Land Owner

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Vaal Eden & Vaal oewer & Plaas de Pont area

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

± 1600 people  
Township & primary school

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Holiday resort, wedding venues, game farms & bird sanctuaries  
Next to river & caravan parks.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Flora & fauna  
Grazing  
Natural water table  
Fish & bird life

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Vaal Eden Township  
Townhouse developments  
Vaal Eden caravan park &  
geust house

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Graveyard.  
Cave in Vaal lower area.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Loss of tourism to area.  
Job losses due to decrease  
in tourism.  
Depreciation of property values.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Stop mining completely.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Job losses, closure of businesses  
Property values.  
Tar roads not build for heavy  
vehicles  
Dust and noise pollution.

General Comments:

No mining.  
Only one person will benefit from the mining, due to hundreds of job losses.  
Water pollution of Vaal River.  
The mining site is not zoned for mining, but for agriculture.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed: F.3: ..... Name: ISAKI MABISEMY JOYCE Date: 15/10/2018

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                                |                |  |
|--|--------------------------------|----------------|--|
| Name                                   | S. MOSTERT                     | EAP            | Shango Solutions                             |
| Address                                | 14 WILLOW GRASS                | Contact person | Ms Zizo Siwandu                              |
|  | AGRICULTURAL DISTRICT<br>PARYS | Address        | P.O Box 2691<br>Cresta<br>2118               |
| Landowner/Lawful occupier/Organisation | Lawful Occupier                | Project        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 0828561660                     | Tel no.        | 011 678 6504                                 |
| Email                                  | sandramostert@iie.co.za        | Email          | zizo@shango.co.za                            |

Organisation and/or property description  
(if landowner/ lawful occupier)

Small Holding

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Land owner.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Vaal Eden & Vaaloever & Plaas de Pont area  
±1600 people

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Township & primary school.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Holiday resort, wedding venues, game farms & bird sanctuaries next to river & caravan parks.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Flora & Fauna  
Grazing  
Natural water table  
Fish & bird life.

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Vaal Eden Township  
Townhouse development  
Vaal Eden caravanpark & guesthouse

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Graveyards.  
Cave in Vaaloever area.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Loss of Tourism to area  
Job losses due to decrease in tourism  
Depreciation of property values.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Stop mining completely.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Job losses, closure of businesses  
Property values  
Tar roads Not build for heavy vehicles  
Dust & noise pollution.

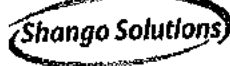
General Comments:

No Mining.  
Only one person will benefit from the mining, due to hundreds of job losses.  
Water pollution of Vaal River.  
The mining site is not zoned for mining, but for agriculture.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed:  Name: Sandra Martens Date: 14-10-2018

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                           |                |  |
|--|---------------------------|----------------|--|
| Name                                   | FREDDIE BURGER            | EAP            | Shango Solutions                             |
| Address                                | 155 DE PONT PLACE         | Contact person | Ms Zizo Siwendu                              |
|  | PARYS                     | Address        | P.O Box 2501<br>Cresta<br>2118               |
| Landowner/Lawful occupier/Organisation | LANDOWNER                 | Project        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 011 304 5949              | Tel no.        | 011 678 6504                                 |
| Email                                  | FreddieBurger17@gmail.com | Email          | zizo@shango.co.za                            |

Organisation and/or property description  
(if landowner/ lawful occupier)

LANDOWNER OF FARM

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Land owner.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Vaal Eden and Vaal Oewer and Plaas de Pont area  
± 1600 people.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Township and primary school

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Holiday resort, Wedding venues, game farms and bird sanctuaries  
Next to river and caravan parks.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Flora and fauna  
Grazing  
Natural water table  
Fish and bird life

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Vaal Eden Township  
Townhouse development  
Vaal Eden Caravan park and  
geurt house

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Graveyard  
Cave in Vaal sewer area.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Loss of tourism to area  
Job losses due to decrease in  
tourism  
Depreciation of property values

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Stop mining completely.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Job losses, closure of businesses  
Property values  
Tar roads not build for heavy  
vehicles.  
Dust and noise pollution.

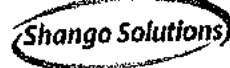
General Comments:

No Mining.  
Only one person will benefit from the mining  
due to hundreds of job losses.  
Water pollution of vaal river.  
The mining site is not zoned for  
mining, but for agriculture.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed:  Name: Cass Bureau Date: 13/10/2018

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                      |                |  |
|--|----------------------|----------------|--|
| Name                                   | P. M. MESTERT        | EAP            | Shango Solutions                           |
| Address                                | 14 Willow Grange     | Contact person | Ms Zizo Siwendu                            |
|  | Armidale Dist PARALS | Address        | P.O Box 2591                               |
|  |                      |                | Cresta                                     |
|  |                      |                | 2118                                       |
| Landowner/Lawful occupier/Organisation | LANDOWNER            | Project        | Pure Source Mine (FS 30/5/11/2/2/10048 MR) |
| Tel or Cell no.                        | 084 497 1080         | Tel no.        | 011 678 6504                               |
| Email                                  | p.mestert@live.co.za | Email          | zizo@shango.co.za                          |

Organisation and/or property description (if landowner/ lawful occupier)

LANDOWNER OF SMALL HOLDING

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Land owner.

---

Vaal Eden & Vaal Oewer & Plaas de Pont area ± 1600 people

---

Township & primary school.

---

Holiday resort, Wedding Venues, game farms & bird sanctuaries next to river & caravan parks.

---

Flora & Fauna  
Grazing  
Natural water table  
Fish & bird life.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?



Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Vaal Eden Township  
Townhouse development  
Vaal Eden caravan park & guesthouse.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Graveyards  
Cave in Vaalcewer area.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Loss of tourism to area  
Job losses due to decrease in tourism  
Depreciation of property values

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Stop mining completely.

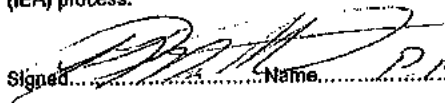
Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Job losses, closure of businesses  
Property Values  
Tar roads not build for heavy vehicles  
Dust and noise pollution.

General Comments:

NO Mining.  
Only one person will benefit from the mining, due to hundreds of job losses  
Water pollution of Vaal river.  
The mining site is not zoned for mining, but for agriculture.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name P.M. Muzenda Date 14/11/2018

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                 |                 |   |
|--|-----------------|-----------------|---|
| Name                                   | MLOLEFE         | EAP             | Shango Solutions                          |
| Address                                | 15 DE PONT FARM | Contact person  | Ms Zizo Siwendu                           |
|  | Park 15         | Address         | P.O Box 2591                              |
|  | 9580            |                 | Cresta                                    |
| Landowner/Lawful occupier/Organisation | Lawful occupier | Project         | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
|  |                 | Tel or Cell no. | 011 678 6504                              |
| Email                                  | 076 091 41580   | Email           | zizo@shango.co.za                         |

Organisation and/or property description  
(If landowner/ lawful occupier)

FARM

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

LAND OWNER

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Vaal EDEN & Vaal OEWER & PLAAS DE PONT AREA  
± 1600 PEOPLE

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

TOWNSHIP & PRIMARY SCHOOL

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

HOLIDAYS RESORT, WEDDING VENUES, GAME FARMS & BIRD SANCTUARIES  
NEXT TO RIVER & CARAVAN PARKS

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

FLORA & FAUNA  
GRAZING  
NATURAL WATER TABLE  
FISH & BIRD LIFE

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

VAAL EDEN TOWNSHIP  
TOWNHOUSE DEVELOPMENT  
VAAL EDEN CARAVAN PARK &  
GUESTHOUSE

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

GRAVEYARD  
CAVE IN VAAIOEWER AREA

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

LOSS OF TOURISM TO AREA  
JOB LOSSES DUE TO DECREASE  
IN TOURISM.  
DEPRECIATION OF PROPERTY  
VALUES

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

STOP MINING COMPLETELY.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

JOB LOSSES, CLOSURE OF  
BUSINESSES,  
PROPERTY VALUES,  
FAR ROADS NOT BUILT FOR  
HEAVY VEHICLES  
DUST AND NOISE POLLUTION

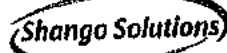
General Comments:

NO MINING!!  
ONLY ONE PERSON WILL BENEFIT FROM  
THE MINING, DUE TO HUNDREDS OF JOB  
LOSSES  
WATER POLLUTION OF VAAL RIVER.  
THE MINING SITE IS NOT ZONED  
FOR MINING, BUT FOR AGRICULTURE.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed Alinaob Name Alinaob Molefe Date 15/10/2018

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                     |                |   |
|--|---------------------|----------------|---|
| Name                                   | Joseph R. [unclear] | EAP            | Shango Solutions                        |
| Address                                | 189 De Pont farm    | Contact person | Ms Zizo Siwendu                         |
|  | Paarl               | Address        | P.O Box 2591                            |
|  | 9585                |                | Cresla                                  |
| Landowner/Lawful occupier/Organisation | Farm work           | Project        | Pure Source Mine (FS 30/5/1/2/10048 MR) |
| Tel or Cell no.                        | 0787848434          | Tel no.        | 011 678 6504                            |
| Email                                  |                     | Email          | zizo@shango.co.za                       |

Organisation and/or property description  
(If landowner/ lawful occupier)

Farm

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Land owner.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Vaal Eden and Vaal Oewer and Plas de Pont area ±1600 People.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Township and Primary School

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Holiday resort, Wedding venues, game Farming and bird Sanctuaries next to river and Caravan parks.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Flora and Fauna  
Grazing  
Natural water table  
Fish and bird life.

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Vaal Eden Township  
Townhouse development.  
Vaal Eden, caravan park and  
geust house  
Graveyard.  
Cave in Vaal oewer area.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Loss of tourism to area  
Job losses due to decrease  
in tourism  
Depreciation of property  
Values

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Stop mining Completely

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Job losses, closure of businesses  
Property Values  
Tol roads not build for heavy  
vehicles  
Dust and noise pollution.

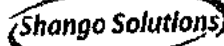
General Comments:

No Mining.  
Only one person will benefit from the mining,  
due to hundreds of job losses.  
Water pollution of vaal river.  
The mining site is not zoned for mining,  
but for agriculture.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed Shango Solutions Name Joseph Date 13-10-2018

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                                 |                |  |
|--|---------------------------------|----------------|--|
| Name                                   | <i>Cecil Burger</i>             | EAP            | Shango Solutions                             |
| Address                                | <i>15, de Fontein</i>           | Contact person | Ms Zizo Siwendu                              |
|  | <i>LAUS</i>                     | Address        | P.O Box 2591                                 |
|  | <i>9585</i>                     |                | Cresta<br>2118                               |
| Landowner/Lawful occupier/Organisation | <i>Landowner</i>                | Project        | Pure Source Mine<br>(FS 30/6/1/2/2/10048 MR) |
| Tel or Cell no.                        | <i>082 856 9013</i>             | Tel no.        | 011 678 6504                                 |
| Email                                  | <i>cecilburger@shango.co.za</i> | Email          | zizo@shango.co.za                            |

Organisation and/or property description  
(If landowner/ lawful occupier)

*FARM*

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

*Land owner.*

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

*Vaal Eden & Vaal oewer & Plaas de Pont area  
± 1600 People*

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

*Township & Primary School*

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

*Holiday resort, Wedding venues, game farms & bird sanctuaries  
Next to river & Caravan parks*

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

*Flora & Fauna  
Grazing  
Natural water table  
Fish and bird life*

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Vaal Eden Township  
Townhouse development  
Vaal Eden caravanpark and  
geusthouse

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Graveyard  
Cave in Vaal oewer area.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

LOSS of tourism to area  
Job losses due to decrease  
in tourism  
Depreciation of property values.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Stop mining completely.

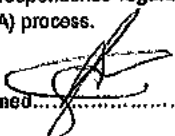
Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Job losses, closure of businesses.  
Property values.  
Tar roads not build for heavy  
vehicles. Dust and noise pollution.

General Comments:

NO Mining.  
Only one person will benefit from the  
mining, due to hundreds of jobs losses.  
Water pollution of Vaal River.  
The mining site is not zoned for  
mining, but for agriculture.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name Gert Rieger Date 13/04/2018

## Mmakoena

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**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 5, 2018 1:32 PM  
**To:** 'freddieburger77@gmail.com'; 'gailburger525@gmail.com'; 'gailmostert@hotmail.com'; 'sandramostert@live.co.za'; 'pmostert@live.co.za'  
**Cc:** 'Zizo Siwendu'; marlene@kruppeng.co.za  
**Subject:** RE: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)  
**Attachments:** 20181101084756081.pdf

Good day,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

- Are you aware of any communities which exist within the application area? Please provide detail and possible contact details:  
Vaal Eden, Vaaloewer and Plaas de Pont area, +/-1 600 people.  
Noted.
- Are you aware of any tribal authorities within, or affected by, the proposed application? Please provide detail and possible contact details.  
Township and primary school.  
Noted.
- Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.  
Holiday resort, wedding venues, game farms and bird sanctuaries next to and caravan parks.  
Noted.
- Please can you provide us with a description of the receiving environment.  
Flora and fauna, grazing, natural water table, fish and bird life.  
Noted.
- Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?  
Vaal Eden Township, townhouse development, Vaal Eden Caravan Park and guesthouse.  
Noted.
- Please describe any cultural or heritage features within the application area and surrounds, please provide detail?  
Graveyard, cave in Vaaloewer area.  
Noted.
- Please describe any biophysical and/or socio-economic impacts that you believe should be considered during the study.  
Loss of tourism area, job losses due to decrease in tourism, depreciation of property values.  
According to the Economic Impact Assessment, visual, air quality, noise and water quality impacts combined with the loss of biodiversity are likely to be the key concerns for tourism. Sources of positive impacts would stem from increased potential for business-related visitors. The measures recommended in other specialist studies to minimise negative impacts (primarily visual, air quality, noise, water quality, biodiversity, rehabilitation and social measures) and enhance positive impacts would also reduce impacts on tourism. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks. The envisaged end land use is to develop the farm portions as an eco-estate with residential and hospitality facilities on the banks of the Vaal River.  
According to the Social Impact Assessment, it is understood that the proposed project will promote employment creation within the local area. Nonetheless, loss of employment due to the mining operations will be assessed in the Socio-Economic Impact Assessment during the Environmental Impact Assessment (EIA) phase of this project.  
In order to assess the potential impacts on existing property values, the property context surrounding the site was first considered by the economic specialist. Secondly, the results of the other specialist studies were scrutinised for information on impacts that could lead to welfare changes reflected in property value effects. The key potential sources of negative impacts on property values are visual, air quality, noise and biodiversity impacts. The Economic Impact Assessment states that property values in any given area are significantly driven by demand for housing, which in turn, is directly linked to economic opportunities and jobs in the area. The project therefore has the potential to increase demand and associated values for housing and property. The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, noise, water quality and social measures) and enhance positive impacts would reduce impacts on property values.
- Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.  
Stop mining completely.  
Your suggestion is noted.
- Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?



Job losses, closure of businesses, property values, tar roads not built for heavy vehicles, dust and noise pollution.

Your concerns are duly noted. According to the Social Impact Assessment, it is understood that the proposed project will promote employment creation within the local area. Furthermore, the project will contribute to local business as it will result in an increased potential for business-related visitors who will require accommodation in local guest houses.

It is anticipated that the proposed mining development would add a significant number of heavy vehicle trips onto the relevant roads network, particularly road S171, which is currently in a poor state. It is understood that the additional anticipated heavy vehicle trips would result in further deterioration of this road. It is therefore recommended to collaborate with the relevant roads authority, other developments in the area and other property owners in order to initiate a long-term roads maintenance plan.

The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality as well as noise impacts. In addition, mitigation measures such as (i) limiting disturbed areas and (ii) effective dust suppression have been proposed to minimise dust. Additional mitigation measures will be recommended in the Environmental Management Programme (EMPR) during the EIA Phase of this project.

According to the noise baseline assessment for this project, noise impacts are expected to be slightly more notable to the south of the project activities. Furthermore, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. Mitigation measures were recommended to reduce noise impacts.

Kindly refer to point 7 for our response on property values.

- **General comments:**

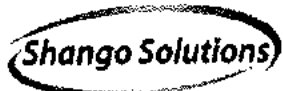
**NO MINING!** Only one person will benefit from the mining due to hundreds of job losses. Water pollution of the Vaal River. The mining site is not zoned for mining, but agriculture.

Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. In addition, the EMPR will categorically state that no untreated waste water must be pumped into the Vaal River. The client will initiate the process of applying for consent to include mining as an additional permitted land use on the three properties, in the event that the Mining Right is granted by the DMR.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

[em] m: Zizo Siwendu [mailto:[zizo@shango.co.za](mailto:zizo@shango.co.za)]

**Sent:** Thursday, November 1, 2018 10:05 AM

**To:** [mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)

**Subject:** FW: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

**Best regards,  
Zizo Siwendu.**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 859 2686

GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

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**From:** Bob Hartsliet <bobh@dullies.com>  
**Sent:** Friday, November 2, 2018 9:22 AM  
**To:** Mmakoena  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Super news  
Thanks Mmakoena  
Can you SMS or WhatsApp them as they are not on email?

On 02 Nov 2018, at 9:17 AM, Mmakoena <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

Dear Bob,

Thank you for your mail.

The public consultation scheduled for the 10<sup>th</sup> November 2018 is not ONLY for members of the Vaaloewer Rate Payers Association. Notification regarding this additional public consultation was sent out to ALL stakeholders on the project database. In addition, any member of the public who wishes to attend this event is welcome.

May you kindly provide us with contact details of your staff members so we may add them onto the project database and send them direct notification regarding this project?

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**

<image001.png>

[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

**From:** Bob Hartsliet [<mailto:bobh@dullies.com>]

**Sent:** Friday, October 19, 2018 9:41 AM

**To:** Gavin Aboud

**Cc:**

**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Morning Zizo

On a point of clarity please:

Are SHANGO saying the meeting scheduled for November 10th IS ONLY —for members of the Vaaloewer Rate Payers Association?

## Mmakoena

---

**From:** Bob Hartsliet <bobh@dullies.com>  
**Sent:** Friday, November 2, 2018 9:48 AM  
**To:** Mmakoena  
**Cc:** gavinaboud@vodamail.co.za; Zizo Siwendu; Azwihangwisi Mulaudzi; Azwihangwisi Nemulodi; Mashudu Mulaudzi; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; Mariette Liefferink; Sampie van Rooyen; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintageyard.com; craigrichardson100@gmail.com; Martin Struwig; kobusvdwalt02@gmail.com; Abrie Hanekom Vaaloewer; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Mmakoena

My Housekeeping manager is Dimakatso Mokoena —I HAVE JUST told her of your offer to send her and all my other staff notifications, which she likes.

Just an FYI

Dimakatso tells me she has family working at premises on the Gauteng side of the Vaal River --directly opposite your clients property-- and their employers say they have NOT been advised of the public meeting by SHANGO. The employees certainly have NOT been advised.

It may be an idea for SHANGO to include all affected employees as I APS ?? as its their jobs that are in jeopardy!

Regards  
BobH

On 02 Nov 2018, at 9:17 AM, Mmakoena <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

Dear Bob,

Thank you for your mail.

The public consultation scheduled for the 10<sup>th</sup> November 2018 is not ONLY for members of the Vaaloewer Rate Payers Association. Notification regarding this additional public consultation was sent out to ALL stakeholders on the project database. In addition, any member of the public who wishes to attend this event is welcome.

May you kindly provide us with contact details of your staff members so we may add them onto the project database and send them direct notification regarding this project?

Should you have any further questions in this regard, please do not hesitate to contact me.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 2, 2018 10:20 AM  
**To:** 'Bob Hartsliet'  
**Cc:** 'gavinaboud@vodamail.co.za'; 'Zizo Siwendu'; 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'; 'mark@vldc.co.za'; 'info@vldc.co.za'; 'michael@vldc.co.za'; 'Mariette Liefferink'; 'Sampie van Rooyen'; 'thabo.moloi@outa.co.za'; 'pieter.hattingh@sibanyestillwater.com'; 'info@vintage-yard.com'; 'craigrichardson100@gmail.com'; 'Martin Struwig'; 'kobusvdwalt02@gmail.com'; 'Abrie Hanekom Vaaloewer'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** English Registration Form.docx

ar Bob,

Attached herewith is the registration form that was sent to you. The registration form asked if you were aware of any other interested parties who need to be notified and to kindly provide detail and possible contact details. You did not provide this information.

In this regard, kindly complete the registration form and include your housekeeping manager's contact information (name, surname, telephone, cellphone, postal address and/or e-mail) and contact information of the 20 odd people you mentioned in your correspondence, so that we may send them notification.

We will send them SMSes if they do not have e-mail addresses.

Thank you and we look forward to your feedback.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

**From:** Bob Hartsliet [mailto:bobh@dullies.com]

**Sent:** Friday, November 2, 2018 9:48 AM

**To:** Mmakoena

**Cc:** gavinaboud@vodamail.co.za; Zizo Siwendu; Azwihangwisi Mulaudzi; Azwihangwisi Nemulodi; Mashudu Mulaudzi; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; Mariette Liefferink; Sampie van Rooyen; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; Martin Struwig; kobusvdwalt02@gmail.com; Abrie Hanekom Vaaloewer; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin

**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water

## Mmakoena

---

**From:** Sampie van Rooyen <svr@envmgrp.com>  
**Sent:** Friday, November 2, 2018 10:13 AM  
**To:** Mmakoena  
**Cc:** andrew@thebiodiversitycompany.com; jochen@shango.co.za; stefanie@shango.co.za; zizo@shango.co.za; mark@vl dc.co.za; michael@vl dc.co.za; info@vl dc.co.za; mader@skets.co.za; Pa  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Thank you for the reply Mmakoena.

I am looking forward to meeting you and the team on the 10th.

Regards,  
Sampie



**S.E. VAN ROOYEN**  
Director: Managing & Environmental Assessment Practitioner & Ecologist  
(M.Sc. Cond. Sc. Nat. 1/8664; IATA Reg. No. 5901)  
**ENVIRONMENTAL MANAGEMENT GROUP**  
*Specialists in Environmental Management*  
*Integrating Industry and Infrastructure with the Environment*

**Tel:** +27 51 412 6350  
+27 83 678 3032  
**Fax:** +27 51 412 6351  
**Email:** svr@envmgrp.com  
**Postal Address:**  
P.O. Box 37473,  
Langenhoven Park 9330

**From:** Mmakoena  
**Sent:** Friday, November 2, 2018 9:50 AM  
**To:** 'Sampie van Rooyen'  
**Cc:** andrew@thebiodiversitycompany.com ; jochen@shango.co.za ; stefanie@shango.co.za ; zizo@shango.co.za ; mark@vl dc.co.za ; michael@vl dc.co.za ; info@vl dc.co.za ; mader@skets.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Sampie,

Thank you very much for your correspondence.

Your objection to the above mentioned project is noted.

The Client is in the process of applying for a Closure Certificate over the Mining Permit Areas.

Kindly be advised that Sweet Sensation 168 (Pty) Ltd is a neighbouring mine which is not related to Monte Cristo Commercial Park (Pty) Ltd (see map attached).

Your comments on the Terrestrial Biodiversity specialist report will be addressed by the relevant specialist. The specialist will correspond directly with you and we will be cc'ed in the mail. The recommendations you provided regarding the Heritage Impact Assessment are well noted and will be included as conditions in the Environmental Management

## Mmakoena

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**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, November 2, 2018 10:15 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Emailing: English Registration Form.docx, English Registration Form DIANE.docx  
**Attachments:** English Registration Form.docx; English Registration Form DIANE.docx

Best regards,  
Zizo Siwendu.



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Paul Foulkes [mailto:[afspe@mweb.co.za](mailto:afspe@mweb.co.za)]  
**Sent:** 22 October 2018 11:48 AM  
**To:** zizo@shango.co.za  
**Cc:** Gavin Aboud  
**Subject:** Emailing: English Registration Form.docx, English Registration Form DIANE.docx

Please find attached REGISTRATION FORMS as IAP's against PURE SOURCE MINING APPLICATION.

Please also take note of other IAP's listed on my registration form.

Thanks.

PAUL FOULKES

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                         |                       |  |
|---|-------------------------|-----------------------|--|
| <b>Name</b>                                   | PAUL FOULKES            | <b>EAP</b>            | Shango Solutions                             |
| <b>Address</b>                                | 497 SUIKERBOS STREET    | <b>Contact person</b> | Ms Zizo Siwendu                              |
|   | VAALOEWER               | <b>Address</b>        | P.O Box 2591                                 |
|   |                         |                       | Cresta                                       |
|   |                         |                       | 2118   |
| <b>Landowner/Lawful occupier/Organisation</b> | HOME OWNER              | <b>Project</b>        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0786716565              | <b>Tel no.</b>        | 011 678 6504                                 |
| <b>Email</b>                                  | paul.foulkes@mweb.co.za | <b>Email</b>          | zizo@shango.co.za                            |

Organisation and/or property description  
(if landowner/ lawful occupier)

|                         |
|-------------------------|
| HOME OWNER IN VAALOEWER |
|-------------------------|

Please state your interest in the proposed project (you are welcome to add additional pages if required):

|   |
|---|
| CONCERNED PARTY AS A HOMEOWNER IN VAALOEWER |
|---|

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

|                         |
|-------------------------|
| HOME OWNER IN VAALOEWER |
|-------------------------|

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

YES. PLEASE SEE NAMES AND CONTACT DETAILS IN GENERAL COMMENTS BOX BELOW



Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

General Comments:

OTHER IAP's TO CONTACT.

LYDIA MATSANENG. 13 KORHAAN STREET. VAALOEWER. CELL: 0630200845. e.mail: [afspe@mweb.co.za](mailto:afspe@mweb.co.za)

EVA MATSANENG. KORHAAN STREET. VAALOEWER. CELL: 0839939962. e.mail: [afspe@mweb.co.za](mailto:afspe@mweb.co.za)

M.B KABE. 7 MEERKAT STREET. VAALOEWER. CELL: 0810962090. e.mail: [afspe@mweb.co.za](mailto:afspe@mweb.co.za)

ROSINAH MAGUGUDI. 11 KOORHAAN STREET, VAALOEWER. CELL: 0797358342. e.mail: [afspe@mweb.co.za](mailto:afspe@mweb.co.za)

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed.....Name..... PAUL FOULKES.....Date...22.10.2018.....

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                      |                       |  |
|---|----------------------|-----------------------|--|
| <b>Name</b>                                   | DIANE FOULKES        | <b>EAP</b>            | Shango Solutions                             |
| <b>Address</b>                                | 497 SUIKERBOS STREET | <b>Contact person</b> | Ms Zizo Siwendu                              |
|   | VAALOEWER            | <b>Address</b>        | P.O Box 2591                                 |
|   |                      |                       | Cresta                                       |
|   |                      |                       | 2118   |
| <b>Landowner/Lawful occupier/Organisation</b> | HOME OWNER           | <b>Project</b>        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0638736079           | <b>Tel no.</b>        | 011 678 6504                                 |
| <b>Email</b>                                  | afspe@mweb.co.za     | <b>Email</b>          | zizo@shango.co.za                            |

Organisation and/or property description

(if landowner/ lawful occupier)

Home owner

Please state your interest in the proposed project (you are welcome to add additional pages if required):

CONCERNED HOME OWNER IN VAALOEWER

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

General Comments:

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed.....

Name.....DIANE FOULKES.....Date.....22.10. 2018

.....

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, November 15, 2018 10:28 AM  
**To:** 'afspe@mweb.co.za'; 'paul.foulkes@mweb.co.za'  
**Cc:** 'Zizo Siwendu'  
**Subject:** RE: Emailing: English Registration Form.docx, English Registration Form DIANE.docx

Dear Paul and Diane

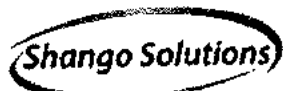
Thank you for your mail and for completing the Interested and Affected Party (I&AP) registration forms.

You, along with the other I&APs you provided in your forms, have been registered as I&APs and will be kept up to date with any developments regarding this project.

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** Friday, November 2, 2018 10:15 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Emailing: English Registration Form.docx, English Registration Form DIANE.docx

Best regards,  
Zizo Siwendu.



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Paul Foulkes [mailto:afspe@mweb.co.za]  
**Sent:** 22 October 2018 11:48 AM  
**To:** zizo@shango.co.za  
**Cc:** Gavin Aboud  
**Subject:** Emailing: English Registration Form.docx, English Registration Form DIANE.docx

**REGISTRASIEVORM VIR BELANGHEBBENDE EN GEAFFEKTEERDE PARTYE**



**PURE SOURCE MINE AANSOEK OM MYNREG EN AANSOEK OM 'N GEÏNTEGREERDE OMGEWINGSMAGTIGING**

Hierdie vorm dien vir die registrasie van Belanghebbende en Geaffekteerde Partye (B&GPs) vir bogenoemde projek en het ten doel om bydraes en deelname te werf. Hierdie vorm sal ingedien word by die bevoegde owerhede vir oorweging in die proses van besluitneming.

|   |                        |  |  |
|---|------------------------|--|--|
| <b>Naam</b>   | JAN SMIT               | <b>Omgewingsëvalueeringspraktiseyn</b> | Shango Solutions                             |
| <b>Adres</b>  | BLINK WATER            | <b>Kontakpersoon</b>                   | Me. Zizo Siwendu                             |
|   | PKOT 49                | <b>Adres</b>                           | Posbus 2591                                  |
|   | LINDSEWES DREEF        |  | Cresta                                       |
|   |                        |  | 2118   |
| <b>Grondelenaar/<br/>Wettige Bewoner/<br/>Organisasie</b> | GEOND EIGEN-<br>NAAR   | <b>Projeknaam</b>                      | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| <b>Tel.</b>   | 082 263 6918           | <b>Tel.</b>                            | 011 678 6604                                 |
| <b>E-pos</b>  | janruach@<br>ymail.com | <b>E-pos</b>                           | zizo@shango.co.za                            |

Organisasie en/of eiendomsbeskrywing  
(Inclen grondelenaar/wettige bewoner)

BLINK WATER PRJJAAT  
VOORD.

Meld asseblief hier as u geïnteresseerd is in die projek (u kan gerus ekstra bladsye aanheg as dit nodig is):

DIE BEPLANE WERKSAAMHEDE 1469 IS  
DIREKTE NEGATIEWE INWOLKING  
OP DIE VOORD VOORT BESTAAN + IMPAK  
OP DIE OMGEWING.

Verleen asseblief u samewerking deur die vrae hieronder te beantwoord. Hierdie reaksies sal gebruik word in die Omvangsbepalingsverslagproses. Heg gerus meer bladsye aan indien verels.

Is u die grondelenaar of wettige  
bewoner van die gebied waarop ide  
aansoek van toepassing is?

GROND EIGEN AAR. JA

Is u bewus van enige gemeenskappe  
wat op die betreffende gebied woon?  
Indien wel, verskaf asb. inligting en  
enige kontakbesonderhede.

NONE.

Is u bewus van enige stamoutdritte  
binne (of wat geaffekteer word deur)  
die gebied waarvoor aansoek gedoen  
word? Indien wel, verskaf asb. inligting  
en enige kontakbesonderhede.

NONE

Is u bewus van enige ander B&GPs  
wat ook in kennis gestel moet word?  
Indien wel, verskaf asb. die inligting en  
enige kontakbesonderhede.

ALLE AANGRENSENDSE  
EIGENDOMME MOET  
SKEIFTELIK IN KENNIS  
GESTEL WORD.

Verskaf asb. Inligting oor die omgewing (benutting van die grond, soos landbou, bewalding, ens.; en ook die tipe begroeiing, topografiese eienskappe, infrastruktuur, sensitiewe flora en fauna, ens.). Is u bewus van enige ontwikkeling van die grond (huldig of voorgestel) in die area waarvoor aansoek gedoen word én wat van belang mag wees vir die voorgestelde mynbewerking?

• TOEGANG WORD BAZENE  
GATJEF GERAAT.  
• RUIZER + WATER KANNE  
• GELAS  
• MIEBAAD + INFLUX VAN  
GROOT HOOGHEID HEDERWIK  
SOEKERS.

Is u bewus van enige kultuur- of erfenisvoorkomste in die gebied waarvoor aansoek gedoen word, of rondom die gebied? Indien wel, gee asb. volle besonderhede.

NONE

Gee asb. die besonderhede van enige biofisiese en/of sosio-ekonomiese impak wat u voorstel wat in aanmerking geneem moet word tydens die projek.

DORS DOORT BESTAAN NIE  
KONSTLIK.  
KLANK IN DIE GEBIED TRIEK  
VER.  
GROOT OMGEWINGS IMPAK.  
INFORMELE NEDERSETTING BAZE

Gee asb. 'n beskrywing van enige maatreef wat u dink geneem moet word om die verwagte biofisiese en sosio-ekonomiese impak van die voorgestelde aktiwiteit te versag, bestuur, verhoed of op te los.

ELKE KONSTLIEKE DEEL  
WORD BEINHOUDS - LUG, WATER  
YROND, WILD KANNE, GEMENSKAPPE  
EKONOMIE + LAND BOU.

Het u enige spesifieke kommentar, opmerkings of beswaar teen die beoogde projek? Indien wel, verskaf asb. die volledige besonderhede.

KEINOM WAREIDJ VAL DRASTIES.  
NEVERKOP ONKONSTLIK.  
WORLD OF ELKE JUK BEINHOUD.

Algemere opmerkings:

Hiermee word u respektvol deur Shango Solutions versoek om hierdie skrywe te onderteken en terug stuur na Shango Solutions, volgens die kontakbesonderhede wat verskaf is. Dit is om te bevestig dat u die kennisgewing ontvang het betreffende die bogenoemde, maar ook om te verseker dat u kommentaar, kommentar en u insette genoteer kan word. Alle kommentare, vrae en sorges moet ons bereik deur middel van hierdie B&GP-registrasievorm en -vraelys, of via alternatiewe metodes. Neem asseblief kennis dat slegs geregisteerde B&GPs ingesluit sal word in enige toekomstige korrespondensie betreffende hierdie aansoek om mynreg en aansoek om 'n geïntegreerde omgewingsmagtigings proses.

Geteken..... Naam JAN SMIT Datum 17/10/2018

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 12, 2018 3:34 PM  
**To:** 'janruach@gmail.com'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Liewe Jan,

Dankie vir u pos en vir die invul van die Registrasie vorm van die Belanghebbende en Geaffekteerde Party.

Sien asseblief ons antwoorde (in rooi) op die kommentaar wat u verskaf het in die registrasievorm.

- Die beplande werksaam hede hey 'n direkte negatiewe in working op die oord voort bestaan + impak op die omgewing.  
Opgemerkt.
- Alle aangronde grondomte moet skriftelik in kennis gestel word.  
U voorstel is opgemerk. Let asseblief daarop dat die kennisgewings vir aangrensende grondeienaars aangaande hierdie projek per geregistreerde pos, e-pos en faks gestuur is. Daarbenewens is Correx-kennisgewings en A3-plakkate rondom die aansoekgebied geplaas.
- Toerisme word baie gayief yeraak.

Rivier + water newe.

Geraas.

Misdaad + influx van groot hoeveel hede work soekers.

Volgens die Ekonomiese Impak Bepaling, is die visuele, luggehalte, geraas- en watergehalte-impak gekombineer met die verlies aan biodiversiteit waarskynlik die belangrikste vir toerisme. Bronne van positiewe impak sal voortspruit uit verhoogde potensiaal vir besigheidsverwante besoekers. Die maatreëls wat in ander spesialisstudies aanbeveel word om negatiewe impakte (veral visuele, luggehalte, geraas, watergehalte, biodiversiteit, rehabilitasie en maatskaplike maatreëls) te verminder en positiewe impakte te verhoog, sal ook die impak op toerisme verminder. Rehabilitasie moet streng toegepas word en toereikend befonds word beide gelyktydig en by sluiting, veral om visuele letsels en ander toerismorisiko's te verminder. Die beoogde eindgrondgebruik is om die plaasgedeeltes as 'n eko-landgoed te ontwikkel met residensiële en gasvryheidsfasiliteite aan die oewer van die Vaalrivier.

Na oorlegpleging met die Departement van Water en Sanitasie is buffersones in die mynplanuitleg ingesluit om die impak op die nabygeleë waterlope, insluitende die Vaalrivier, te verminder. Daarbenewens sal die omgewingsbestuursprogram (OBPR) kategorieë meld dat geen onbehandelde afvalwater in die Vaalrivier gepomp mag word nie. Daar word opgemerk dat die voorgestelde projek 'n negatiewe uitwerking op die akwatiese lewe kan hê. As sodanig is die volgende versagtingsmaatreëls voorgestel om negatiewe impakte op rivierekologie te verminder:

- Onderhoud van buffersones van vleilande en oewersone.
- Ontwerp en implementering van stormwaterbestuursplanne en passiewe vuilwaterretensieprosesse.

Volgens die Noise Baseline Assessment sal die geraasimpakte na die suide van die projekaktiwiteite effens meer opmerklik wees. Verder is die omvang van die geraas impak as gevolg van 'n indringende geraas afhanklik van bestaande vlakke in 'n gebied en ter plaatse meteorologie. Gesimuleerde MM5 weer data stel is gebruik op die terrein en die resultate toon dat die geraasvlakke binne 'n toelaatbare reeks. Potensiële geraasbronne sal gekwantifiseer word en ingesluit word in die geraasbronvoorraad en geraasverspreidingsimulasies tydens die geraasimpak-assesseringsfase van die studie.

Op grond van die Sosio-ekonomiese Impakstudie word verstaan dat 'n instroming van werkers en werksoekers na 'n gebied (of die inwoners in diens is, of buitestaanders in diens is) die veiligheidsrisiko's in die plaaslike omgewing kan verhoog en 'n impak kan hê op die plaaslike maatskaplike dinamika. Waar moontlik sal die Aansoeker plaaslike arbeid binne die omliggende dorpe opspoor. As sodanig sal daar nie 'n behoefte wees vir arbeiders om na die terrein te verskuif nie. Arbeiders sal daagliks na en van die perseel vervoer word. Indien inwoners in diens geneem word, kan dit die waargenome en werklike risiko in hierdie verband verminder. Volgens die Maatskaplike en Arbeidsplan sal die



Pure Source Mine toepaslike werknemersverblyf fasiliteer wat werknemers sal toelaat om in 'n stabiele, gesonde en veilige omgewing binne pendelafstand van hul werkplek te woon.

- Oord voort bestaan nie moontlik klank in de gebied trek ver. Groot omgewings in pak. Informele nederstelling baie ongesond. Opgemerkt. Verwys asseblief na punt hierbo vir ons reaksie op geraasimpakte.
- Elke moontlike deel word beïnvloed – lug, water, grond, wildlewe, gemenskappe ekonomie and land bou. Opgemerkt.
- Eiendom waardg val drasties herverkoop onmoontlik. Word op elke vlak beïnvloed.

Dit word verstaan dat die projek se omgewings- en sosiale impak die potensiaal het om op eiendomswaardes te beïnvloed. Gebaseer op die werkskerm se ekonomiese impakbepaling, kan die individuele faktore wat die eiendomswaardes in die omgewing negatief beïnvloed, visuele, luggehalte, geraas en terrestriële en rivier biodiversiteit impakte wees. Positiewe impakte kan voortspruit uit die toenemende kommersiële aktiwiteit en werkskepping wat verband hou met die projek, wat 'n rol kan speel in die bevordering van die vraag na huise met moontlike impak op eiendomswaardes. Die versagtingsmaatreëls wat in ander spesialsverslae aanbeveel word om negatiewe impakte (hoofsaaklik visuele, luggehalte, watergehalte, verkeer en maatskaplike maatreëls) te verminder en positiewe impakte te verbeter, kan dus die impak op eiendomswaardes verminder.

**Regards,**

**Mmakoena Mmola**



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[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:[zizo@shango.co.za](mailto:zizo@shango.co.za)]

**Sent:** Friday, November 2, 2018 10:15 AM

**To:** [mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)

**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

**Best regards,**  
**Zizo Siwendu.**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Gavin Aboud [mailto:[gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)]

**Sent:** 19 October 2018 06:55 AM

**To:** [zizo@shango.co.za](mailto:zizo@shango.co.za)

**Subject:** FW: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, November 2, 2018 10:15 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Pure Source Mine objection  
**Attachments:** Shango.pdf

Best regards,  
Zizo Siwendu.



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[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** susan@utifs.co.za [mailto:susan@utifs.co.za]  
**Sent:** 18 October 2018 09:04 PM  
**To:** zizo@shango.co.za  
**Cc:** gavinaboud@vodamail.co.za  
**Subject:** Pure Source Mine objection

Dear Sirs

Attached is my objection to the proposed mining application by Pure Source Mine.

Yours faithfully

Malcomess

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                                  |                       |  |
|---|----------------------------------|-----------------------|--|
| <b>Name</b>                                   | Susan Malcomess                  | <b>EAP</b>            | Shango Solutions                             |
| <b>Address</b>                                | 57 Vaaloewer Avenue<br>Vaaloewer | <b>Contact person</b> | Ms Zizo Siwendu                              |
|   |                                  | <b>Address</b>        | P.O Box 2591<br>Cresta<br>2118               |
| <b>Landowner/Lawful occupier/Organisation</b> | Landowner                        | <b>Project</b>        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0169871622                       | <b>Tel no.</b>        | 011 678 6504                                 |
| <b>Email</b>                                  | malcomessue@gmail.com            | <b>Email</b>          | zizo@shango.co.za                            |

Organisation and/or property description  
(if landowner/ lawful occupier)

Residential property

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Our property looks right across the Vaal River on to the proposed mining property. The mining operation will scar the land and make it unsightly. The noise will carry across the river and so will the dust when the wind blows. The roads are not made for heavy trucks. It is in a World Heritage Site and tourism is important to the area. Mining will make the area less attractive for tourism. It is also concern to me that I believe the previous company who started mining on this land has an order from the Department of Mineral Affairs because the conditions of the licence were not met. Why should this not happen again?

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Yes

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

There is an informal settlement, there are small holdings and the town of Parys is nearby.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

no

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

No

Please can you provide us with a description of the receiving

Its in a World Heritage Site: The Vredefort Dome. The roads are not designed for heavy traffic. Who is going to rehabilitate them when they are destroyed by mining?

environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

It is on the banks of the Vaal River and these proposed operations could pollute the river. The area is subject to heavy winds and the open cast mining will create dust storms.

No

THE VREDEFORT DOME

It will affect the tourism industry. Who wants to be near at mines? The unsightliness of Mpulanga is living testimony to this.

DON'T MINE! AND IF YOU DO ADHERE TO THE CONDITIONS AND REHABILITATE.

MOST CONCERNED THE REHABILITATION WILL NOT BE DONE. ALREADY THE OWNER OF THE LAND HAS NOT REHABILITATED FROM THE MINING ALREADY DONE.

General Comments:

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future

correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed Valeria Name SUSAN E. MALCOMES Date 18-10-2018

## Mmakoena

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 5, 2018 9:42 AM  
**To:** 'susan@utlfs.co.za'  
**Cc:** 'Zizo Siwendu'  
**Subject:** RE: Pure Source Mine objection

Dear Susan,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

- Please state your interest in the project.

Our property looks right across the Vaal River on to the proposed mining property. The mining operation will scar the land and make it unsightly. The noise will carry across the river and so will the dust when wind blows. The roads are not made for heavy trucks. It is in a World Heritage Site and tourism is important in the area. Mining will make the area less attractive for tourism. It is also a concern to me that I believe the previous company who started mining on this land has an order from the Department of Mineral Affairs because the conditions of the license were not met. Why should this not happen again?

Your comments are noted.

According to the noise baseline assessment for this project, noise impacts are expected to be slightly more notable to the south of the project activities. Furthermore, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. Mitigation measures have been recommended to reduce noise impacts. Additional mitigation measures will be proposed in the Environmental Management Programme (EMPR) during the EIA Phase of this project.

The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality as well as noise impacts. In addition, mitigation measures such as dust suppression have been proposed to minimise dust emission.

It is anticipated that the proposed mining development would add a significant number of heavy vehicle trips onto the relevant roads network, particularly road S171, which is currently in a poor state. It is understood that the additional anticipated heavy vehicle trips would result in further deterioration of this road. It is therefore recommended to collaborate with the relevant roads authority, other developments in the area and other property owners in order to initiate a long-term roads maintenance plan.

Based on the specialist studies undertaken in support of this application, the proposed application area does not overlap with, nor will it impact upon any formally protected area. We are required by the relevant legislation to maintain a 5 km buffer from protected areas. The edge of the crater of the Vredefort Dome, a UNESCO World Heritage Site, is ~8 km to the south-west of the site. As such, it will not be negatively affected by this application.

According to the Economic Impact Assessment, visual, air quality, noise and water quality impacts combined with the loss of biodiversity are likely to be the key concerns for tourism. Sources of positive impacts would stem from increased potential for business-related visitors. The measures recommended in other specialist studies to minimise negative impacts (primarily visual, air quality, noise, water quality, biodiversity, rehabilitation and social measures) and enhance positive impacts would also reduce impacts on tourism. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks.

Kindly note that enforcement of compliance with the EMPR is the responsibility of the Department of Mineral Resources.

- Are you aware of any communities which exist within the application area? Please provide detail and possible contact detail.

There is an informal settlement, there are small holdings and the town of Parys is nearby.

Noted.

- Please can you provide us with a description of the receiving environment.

It's in a World Heritage Site: The Vredefort Dome. The roads are not designed for heavy traffic. Who is going to rehabilitate them when they are destroyed by mining? It is on the banks of the Vaal River and these proposed operations could pollute the river. The area is subject to heavy winds and the open cast mining will create dust storms.

We will reiterate that the Vredefort Dome is ~8 km to the south-west of the application area. Kindly refer to the first point for our responses on the issues you raised on heavy trucks and road rehabilitation. Following consultation with the Department of Water and Sanitation, buffer zones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. In addition, the EMPR will categorically state that no untreated waste water must be pumped into the Vaal River. Mitigation measures have been recommended to minimise impacts on air quality.

- Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

No.

Noted.

- Are you aware of any cultural or heritage features within the application area and surrounds, please provide details?  
THE VREDEFORT DOME.

Noted.

- Please describe any biophysical and/or socio-economic impacts that you believe should be considered during the study. It will affect the tourism industry. Who wants to be near at mines? The unsightliness of Mpumalanga is living testimony to this. Your comment is noted. We will reiterate that the Economic Impact Assessment undertaken in support of this application indicated that, visual, air quality, noise and water quality impacts combined with the loss of biodiversity are likely to be the key concerns for tourism. Sources of positive impacts would stem from increased potential for business-related visitors. The measures recommended in other specialist studies to minimise negative impacts (primarily visual, air quality, noise, water quality, biodiversity, rehabilitation and social measures) and enhance positive impacts would also reduce impacts on tourism. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks
- Please describe any measures you believe should be implemented to mitigate, manage  
Don't mine! And if you do adhere to the conditions and rehabilitate.  
Your suggestion is noted.
- Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?  
Most concerned the rehabilitation will not be done. Already the owner of the land has not rehabilitated from the mining already done.  
Your concern is duly noted. Kindly note that the Client is in the process of rehabilitating the Mining Permit areas.

Should you have any further concerns in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:[zizo@shango.co.za](mailto:zizo@shango.co.za)]  
**Sent:** Friday, November 2, 2018 10:16 AM  
**To:** [mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)  
**Subject:** FW: Pure Source Mine objection

Best regards,  
Zizo Siwendu.



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** [susan@utlfs.co.za](mailto:susan@utlfs.co.za) [mailto:[susan@utlfs.co.za](mailto:susan@utlfs.co.za)]  
**Sent:** 18 October 2018 08:50 PM  
**To:** [zizo@shango.co.za](mailto:zizo@shango.co.za)  
**Cc:** [gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)  
**Subject:** Pure Source Mine objection

Dear Sirs

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, November 2, 2018 10:16 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)  
**Attachments:** image004.png; image002.png; image003.jpg; image005.jpg

Best regards,  
Zizo Siwendu.



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[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Arnold de Beer [mailto:nolsdebeer@gmail.com]  
**Sent:** 17 October 2018 09:59 PM  
**To:** Zizo Siwendu  
**Subject:** Re: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Hi Zizo

Regarding last mentioned I&AP's list.

Please make sure to add me as well to your list of I&AP's

Regards Arnold de Beer

On Mon, 15 Oct 2018, 12:50 Zizo Siwendu <[zizo@shango.co.za](mailto:zizo@shango.co.za)> wrote:

Dear Renee,

Thank you for your mail.

Your objection and reasons thereof are noted.



## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, November 15, 2018 12:05 PM  
**To:** 'nolsdebeer@gmail.com'  
**Cc:** 'Zizo Siwendu'  
**Subject:** RE: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Dear Arnold,

Thank you for your mail.

As requested, you have been registered as an I&AP and will be kept up to date on any developments regarding this project.

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

---

**From:** Arnold de Beer [mailto:nolsdebeer@gmail.com]  
**Sent:** 17 October 2018 09:59 PM  
**To:** Zizo Siwendu  
**Subject:** Re: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Hi Zizo

Regarding last mentioned I&AP's list.

Please make sure to add me as well to your list of I&AP's

Regards Arnold de Beer

On Mon, 15 Oct 2018, 12:50 Zizo Siwendu <[zizo@shango.co.za](mailto:zizo@shango.co.za)> wrote:

Dear Renee,

Thank you for your mail.

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, November 2, 2018 10:17 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

**From:** Renee de Jong Hartsliet [mailto:renee@bundunet.com]  
**Sent:** 09 October 2018 08:50 PM  
**To:** Azwihangwisi Mulaudzi  
**Cc:** Abrie Hanekom; Arnold de Beer; Dina; Gavin Aboud; Liz; Magugudi Olifant; Phumzile Patience Nhlapo; Ria Jordaan; Sampie van Rooyen; Warrin; Zizo Siwendu; schalk burger  
**Subject:** Re: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

od evening Zizo et al,

I am an ordinary RSA citizen. In 1994, I bought and currently operate a FS-gazetted Private Nature Reserve, The Savannah Africa, in the Vaal Eden area.

Due to a medical crisis in my family, I have been in KZN for almost 5 months.

In my private capacity, I hereby object, in the strongest terms, to each and every mining and water application, renewal or amendment in my area.

You will forgive me please if I cannot cite all the reference numbers or applicant names: they keep changing. Here are those that come to mind: Pure Source, Sweet Sensations, Woodlands Eco-Estate, Tja Naledi, Barrage Bulk Sand - and now, Monte Christo.

I object for, among others, the following reasons:

1. Rezoning has not taken place
2. Public Participation has been ignored  
Rehabilitation is non-existent
4. Compliance with working hours is flagrantly disregarded
5. Roads in the area have been destroyed
6. The critically-endangered Vaal River is under enormous threat
7. The Gauteng gateway to the Vredefort Dome World Heritage Site is severely compromised
8. In terms of the Mining Charter, communities are suffering, not benefiting from the mines
9. Our Sense Of Place is being destroyed
10. Noise, dust and water pollution are rife
11. Mining does not comply with the IDP, budget, SDP, or Bylaws of Fezile Dabi or Ngwathe Municipalities

Please lodge my objections with all of the mines in the Vaal Eden area.

Please also register the following I&APs for all mining activity:

Renee Hartsliet [renee@bundunet.com](mailto:renee@bundunet.com)  
Vredefort Dome Tourism Association [VredefortDomeInfo@gmail.com](mailto:VredefortDomeInfo@gmail.com)  
The Savannah Africa [TheSavannaaAfrica@gmail.com](mailto:TheSavannaaAfrica@gmail.com)  
Wild Water Conservancy [coach@lifeadventures.co.za](mailto:coach@lifeadventures.co.za)

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, November 2, 2018 11:32 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Dear Renee,

Thank you for your mail.

Your objection and reasons thereof are noted.

Please see below our responses in red.

1. **Rezoning has not taken place**  
The client will initiate the process of applying for consent to include mining as an additional permitted land use on the three properties, in the event that the Mining Right is granted by the DMR.
2. **Public Participation has been ignored**  
May you kindly elaborate on how the Public Participation has been ignored?
3. **Rehabilitation is non-existent**  
The client is in the process of applying for the closure of the 3 existing Mining Permits over the application area.
4. **Compliance with working hours is flagrantly disregarded**  
The Environmental Management Programme Report (EMPR, which is legally binding to the Applicant) that will be compiled for this project, during the EIA phase, will specify working hours and days for the operation of the mine. Interested and Affected Parties have the right to report any areas of non-compliance to the decision-making authority (the DMR) if the mine does not operate according to the conditions of the EMPR.
5. **Roads in the area have been destroyed**  
A traffic impact assessment has been undertaken in support of the Mining Right Application and the findings will be included in the final Scoping Report that will be made available to the public for review, in due course. In addition, consultation with the Free State Department of Police, Roads and Transport will be undertaken during the EIA phase of the project in order to initiate a long-term road maintenance plan, to ensure the availability of a road network to transport workers and mined product, should the Mining Right be granted by the DMR.
6. **The critically-endangered Vaal River is under enormous threat**  
Following consultation with the DWS, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River.
7. **The Gauteng gateway to the Vredefort Dome World Heritage Site is severely compromised**  
Noted.
8. **In terms of the Mining Charter, communities are suffering, not benefiting from the mines**  
The anticipated contributions to the communities surrounding Pure Source Mine were discussed with the Ngwathe Local Municipality representatives during the compilation of the Social and Labour Plan (SLP) for the project.
9. **Our Sense Of Place is being destroyed**  
Noted. Sense of place has been identified as a potential impact on the receiving environment during the Scoping phase of the project. This impact will be discussed in detail during the EIA phase and mitigation measures will be recommended.
10. **Noise, dust and water pollution are rife**  
Noted. Noise, dust and water pollution have been identified as potential impacts on the receiving environment during the Scoping phase of the project. This impact will be discussed in detail during the EIA phase and mitigation measures will be recommended.

11. Mining does not comply with the IDP, budget, SDP, or Bylaws of Fezile Dabi or Ngwathe Municipalities

The Ngwathe Local Municipality IDP does not go into much detail in terms of the types of development which are supported by government and there does not appear to be a SDF for the municipality. Based on consultation with the Ngwathe Local Municipality representatives during the compilation of the SLP for this project, the Local Municipality LED criteria focuses on agriculture, SMMes, and tourism. However, the main economic activities in the Fezile Dabi District Municipality (of which the Ngwathe Local Municipality forms part of) are agriculture, manufacturing, mining and tourism.

As requested, we have registered the following I&APs to the project database:

- Renee Hartslielief renee@bundunet.com
- Vredefort Dome Tourism Association VredefortDomeInfo@gmail.com
- The Savannah Africa TheSavannaAfrica@gmail.com
- Wild Water Conservancy coach@lifeadventures.co.za
- LGV veilig@parys.co.za

If you have any further questions in this regard, please do not hesitate to contact me.

Best regards,  
Zizo Siwendu.



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[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Renee de Jong Hartslielief [mailto:renee@bundunet.com]

**Sent:** 09 October 2018 08:50 PM

**To:** Azwihangwisi Mulaudzi

**Cc:** Abrie Hanekom; Arnold de Beer; Dina; Gavin Aboud; Liz; Magugudi Olifant; Phumzile Patience Nhlapo; Ria Jordaan; Sampie van Rooyen; Warrin; Zizo Siwendu; schalk burger

**Subject:** Re: Fwd: Pre-Notification Regarding a Mining Right Application: Pure Source Mine (FS 30/5/1/2/5/2/10048 MR)

Good evening Zizo et al,

I am an ordinary RSA citizen. In 1994, I bought and currently operate a FS-gazetted Private Nature Reserve, the Savannah Africa, in the Vaal Eden area.

Due to a medical crisis in my family, I have been in KZN for almost 5 months.

In my private capacity, I hereby object, in the strongest terms, to each and every mining and water application, renewal or amendment in my area.

You will forgive me please if I cannot cite all the reference numbers or applicant names: they keep changing. Here are those that come to mind: Pure Source, Sweet Sensations, Woodlands Eco-Estate, Tja Naledi, Barrage Bulk Sand - and now, Monte Christo.

I object for, among others, the following reasons:

1. Rezoning has not taken place
2. Public Participation has been ignored
3. Rehabilitation is non-existent
4. Compliance with working hours is flagrantly disregarded

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, November 2, 2018 10:18 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: IAP form  
**Attachments:** doc00249120181016093718.pdf

Best regards,  
Zizo Siwendu.



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** Val De Bruyn [mailto:[val@utlfs.co.za](mailto:val@utlfs.co.za)]  
**Sent:** 16 October 2018 09:49 AM  
**To:** zizo@shango.co.za  
**Cc:** gavinaboud@vodamail.co.za  
**Subject:** IAP form

Kind regards

Val



Financial Manager  
Val de Bruyn  
E-mail: [val@utlfs.co.za](mailto:val@utlfs.co.za)  
Cellphone: +2782300-9665  
Office: +2711463-3707

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                   |                       |   |
|---|-------------------|-----------------------|---|
| <b>Name</b>                                   | VJ & HJ de Bruijn | <b>EAP</b>            | Shango Solutions                          |
| <b>Address</b>                                | 734 Visarend Rd   | <b>Contact person</b> | Ms Zizo Siwendu                           |
|   | Vaalocwee         | <b>Address</b>        | P.O Box 2591                              |
|   |                   |                       | Cresta                                    |
|   |                   |                       | 2118                                      |
| <b>Landowner/Lawful occupier/Organisation</b> | landowner         | <b>Project</b>        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0823009665        | <b>Tel no.</b>        | 011 678 6504                              |
| <b>Email</b>                                  | vai@ukfs.co.za    | <b>Email</b>          | zizo@shango.co.za                         |

Organisation and/or **property description**  
(if landowner/ lawful occupier)

Residential house.

Please state your interest in the proposed project (you are welcome to add additional pages if required):

This mine needs to be stopped. The dust in the environment is going to be a problem. They are going to ruin our Vaal river and pollute the area. It is a disgrace.

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Yes

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes. There is a camp in the area.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Yes. The squatter camp.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

No.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

It is a beautiful area, with flora fauna, wild animals etc. It is grazing land

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Yes.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Yes.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

land, fauna, flora. The Vaal river that will be polluted. The noise and dust pollution.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

The Mine should not be allowed to go ahead.

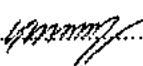
Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Environmental issues, certainly.

General Comments:

This should be stopped. It is not right. We have rights to a peaceful life with dust, noise and terrible pollution.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed.......... Name..... V. de B. van..... Date..... 16/10/18.....

## Mmakoena

---

**To:** val@utlfs.co.za  
**Cc:** Zizo Siwendu; stefanie@shango.co.za  
**Subject:** RE: IAP form

Good day,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

- Please state your interest in the proposed project.

This mine needs to be stopped. The dust in the environment is going to be a problem. They are going to ruin Vaal River and pollute the area. It is a disgrace.

Based on the Air Quality Baseline Assessment, the impact on air quality due to mining is usually up to a distance of 5 km from the emitting source. However, without measures being implemented, the impacts from mines can reach further depending on the terrain, wind speed and properties of the material mined. The impact also depends largely on what sources of emissions are present at the mine site and the throughput of material. For example, if material is transported via haul roads there will be greater emissions than if it were conveyed. The following mitigation measures have been proposed to minimise impacts on air quality:

- Utilise water car to keep the road damp and assist in dust suppression.
- Provide speed-reduction structure positioned in the dirt access road to ensure maximum effectiveness at slowing down vehicles utilising dirt roads.
- Maintain sprinkler system alongside dirt roads.
- Operators of mobile machinery and truck drivers should be reminded not to speed, to limit dust generation.

Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. No untreated waste water and/or effluent will be discharged into the Vaal River as it will be managed in a closed system wherein contact water will be separated from non-contact water as per the Requirements of the National Environmental Management Act (NEMA). Water utilised during the sand washing process will be recycled back to the wash plant for re-use.

In order to minimise general pollution of the environment, good housekeeping will be included as a condition in the EMPR.

- Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.  
Yes. There is a camp in the area.  
Noted.
- Are you aware of any tribal authorities within, or affected by, the proposed application? Please provide detail and possible contact details.  
Yes. The squatter camp.  
Noted.
- Are you aware of other I&APs who need to be notified? Please provide detail and possible contact details.  
No.  
Noted.
- Please can you provide a description of the receiving environment.  
It is a beautiful area with flora and fauna, wild animals, etc. It is grazing land.  
Noted.
- Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?  
Yes.  
Noted. Could you kindly elaborate on what other land developments are currently underway or proposed within the application area.
- Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?  
Yes.  
Noted. Could you kindly provide detail regarding the cultural and heritage features occurring within the application area and surrounds?
- Please describe any biophysical and socio-economic impacts that you believe should be considered during the study.



Land, fauna, flora. The Vaal River will be polluted. The noise and dust pollution.

Noted. As stated in the first point above, no untreated waste water and/or effluent will be discharged into the Vaal River. The first point also addresses your concern regarding dust pollution.

According to the Noise Baseline Assessment, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. The following mitigation measures have been recommended in order to minimise noise impacts:

- Maintain vehicles and equipment in good working order.
- Provide noise berms where possible between activities and receptors.
- Conduct noise monitoring in response to noise complaints.

According to the terrestrial biodiversity assessment undertaken in support of this application, open pit mining and site clearance for infrastructure and associated access roads may result in the loss of habitat for species of conservation concern as well as the displacement, direct mortalities and disturbance of the faunal community. The biodiversity specialist has recommended mitigation measures to minimise impacts on fauna, which include, but a not limited to, (i) avoiding high biodiversity sensitivity areas and complying with prescribed buffer zones as well as (ii) implementing training to ensure that all staff are aware of faunal sensitivity.

Impacts on flora may include the loss of plant species of conservation importance and the encroachment of alien invasive plant species. Mitigation measures have been proposed by the relevant specialist and are included in the in the terrestrial biodiversity assessment and draft Scoping Report.

- Please describe any measures you believe should be implemented to mitigate, manage, avoid or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.

The mine should not be allowed to go ahead.

Your suggestion is noted.

- Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Environmental issues, certainly.

Noted.

- General comments:

This should be stopped. It is not right. We have rights to a peaceful life without dust, noise and terrible pollution.

Your comment is noted and will be included in the Issues and Responses Report to be submitted to the Competent Authority for their decision-making.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:[zizo@shango.co.za](mailto:zizo@shango.co.za)]

**Sent:** Friday, November 2, 2018 10:18 AM

**To:** [mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)

**Subject:** FW: IAP form

**Best regards,  
Zizo Siwendu.**

## Mmakoena

---

**From:** Bob Hartslielief <bobh@dullies.com>  
**Sent:** Friday, November 2, 2018 10:33 AM  
**To:** Mmakoena  
**Cc:** gavinaboud@vodamail.co.za; Zizo Siwendu; Azwihangwisi Mulaudzi; Azwihangwisi Nemulodi; Mashudu Mulaudzi; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; Mariette Liefferink; Sampie van Rooyen; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintageyard.com; craigrichardson100@gmail.com; Martin Struwig; kobusvdwalt02@gmail.com; Abrie Hanekom Vaaloewer; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Great Mmakoena

a sure other people copied on this email can do the same thing.

I note (and have shown my staff) the covering letter which they can read as you set it out in Sotho. This is good.

Thanks.

As to pages 22 and 23 —can I simply attach all their names on one sheet ?

Thanks

BobH

On 02 Nov 2018, at 10:20 AM, Mmakoena <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

Dear Bob,

Attached herewith is the registration form that was sent to you. The registration form asked if you were aware of any other interested parties who need to be notified and to kindly provide detail and possible contact details. You did not provide this information.

In this regard, kindly complete the registration form and include your housekeeping manager's contact information (name, surname, telephone, cellphone, postal address and/or e-mail) and contact information of the 20 odd people you mentioned in your correspondence, so that we may send them notification.

We will send them SMSes if they do not have e-mail addresses.

Thank you and we look forward to your feedback.

**Regards,**

**Mmakoena Mmola**

<image001.png>

[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 2, 2018 10:40 AM  
**To:** 'Bob Hartsliel'  
**Cc:** 'gavinaboud@vodamail.co.za'; 'Zizo Siwendu'; 'Azwihangwisi Mulaudzi'; 'Azwihangwisi Nemulodi'; 'Mashudu Mulaudzi'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'; 'mark@vldc.co.za'; 'info@vldc.co.za'; 'michael@vldc.co.za'; 'Mariette Liefferink'; 'Sampie van Rooyen'; 'thabo.moloi@outa.co.za'; 'pieter.hattingh@sibanyestillwater.com'; 'info@vintage-yard.com'; 'craigrichardson100@gmail.com'; 'Martin Struwig'; 'kobusvdwalt02@gmail.com'; 'Abrie Hanekom Vaalower'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Bob,

Thank you for your mail.

Yes, you may attach all their names on one sheet.

Regards,

Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Bob Hartsliel [mailto:boh@dullies.com]

**Sent:** Friday, November 2, 2018 10:33 AM

**To:** Mmakoena

**Cc:** gavinaboud@vodamail.co.za; Zizo Siwendu; Azwihangwisi Mulaudzi; Azwihangwisi Nemulodi; Mashudu Mulaudzi; jochen@shango.co.za; stefanie@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; Mariette Liefferink; Sampie van Rooyen; thabo.moloi@outa.co.za; pieter.hattingh@sibanyestillwater.com; info@vintage-yard.com; craigrichardson100@gmail.com; Martin Struwig; kobusvdwalt02@gmail.com; Abrie Hanekom Vaalower; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin

**Subject:** Re: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

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Thanks

## Mmakoena

---

**From:** Chris Campbell <chrisc@cesa.co.za>  
**Sent:** Friday, November 2, 2018 10:55 AM  
**To:** Mmakoena; 'Paul Kgole'  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Gavin Aboud'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Hi Paul

I suspect yet again that the Law, in this case NEMA, has not been specific enough in respect of Professional Registration as none of these clauses talk about mandatory Professional Registration of the EAP, with either the Council for Natural Sciences as a Pr.NatSci or ECSA as a Pr. Tech or Pr. Eng. , hence no such registration is evident.

Kind Regards

Chris Campbell Pr. Eng

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** Friday, 02 November 2018 9:42 AM  
**To:** 'Paul Kgole' <paulkg@vodamail.co.za>  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Gavin Aboud' <gavinaboud@vodamail.co.za>; Chris Campbell <chrisc@cesa.co.za>; 'Majute Kgole' <majutepaul@gmail.com>; 'Ishmael Semanya' <isemenya@enviroxcellence.co.za>; 'Gregory Mofokeng' <gregory@selao.co.za>; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Paul,

Thank you for your mail.

Kindly note that according to Regulation 13 (1) of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) Environmental Impact Assessment (EIA) (2014) Regulations, the general requirements of an Environmental Assessment Practitioner (EAP) are as follows:

13. (1) An EAP and a specialist, appointed in terms of Regulation 12(1) or 12(2), must—
- (a) be independent;
  - (b) have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, these Regulations and any guidelines that have relevance to the proposed activity;
  - (c) ensure compliance with these Regulations;

## Mmakoena

---

**From:** Paul Kgole <paulkg@vodamail.co.za>  
**Sent:** Monday, November 5, 2018 4:23 AM  
**To:** 'Chris Campbell'; 'Mmakoena'  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Gavin Aboud'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Chris

Thank you for clarification, much appreciated.

Kind regards

**PAUL KGOLE PrQS**

0848235971

**From:** Chris Campbell [mailto:chrisc@cesa.co.za]  
**Sent:** 02 November 2018 10:55 AM  
**To:** Mmakoena; 'Paul Kgole'  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Gavin Aboud'; 'Majute Kgole'; 'Ishmael Semanya'; 'Gregory Mofokeng'; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Hi Paul

In respect yet again that the Law, in this case NEMA, has not been specific enough in respect of Professional Registration as none of these clauses talk about mandatory Professional Registration of the EAP, with either the Council for Natural Sciences as a Pr.NatSci or ECSA as a Pr. Tech or Pr. Eng., hence no such registration is evident.

Kind Regards

Chris Campbell Pr. Eng

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** Friday, 02 November 2018 9:42 AM  
**To:** 'Paul Kgole' <paulkg@vodamail.co.za>  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Gavin Aboud' <gavinaboud@vodamail.co.za>; Chris Campbell <chrisc@cesa.co.za>; 'Majute Kgole' <majutepaul@gmail.com>; 'Ishmael Semanya' <isemenya@enviroxcellence.co.za>; 'Gregory Mofokeng' <gregory@selao.co.za>; mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water



For: Z120  
From: Lef a Thabane  
Of: Free State Department of Rural Development  
and Land Reform  
Telephone no.: 051 432 2444

|                                     |                   |                          |                     |                          |                    |
|-------------------------------------|-------------------|--------------------------|---------------------|--------------------------|--------------------|
| <input checked="" type="checkbox"/> | Telephoned        | <input type="checkbox"/> | Please phone back   | <input type="checkbox"/> | Returned your call |
| <input type="checkbox"/>            | Called to see you | <input type="checkbox"/> | Desires appointment | <input type="checkbox"/> | Will phone back    |

Message:

Requested title deeds for the farm  
Woodlands 407

Received by: Z120  
Date & time: 05 November 2018

## Zizo Siwendu

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** 05 November 2018 01:13 PM  
**To:** 'lefa.thabane@drdlr.gov.za'  
**Subject:** Copy of Deed Reports  
**Attachments:** Farm Woodlands 407.Pdf; Farm Woodlands 407\_Ptns 0-1-3\_PD.Pdf

Dear Lefa,

I trust this mail find you well

As per telecom, please find herewith attached requested documents.

Best regards,  
Zizo Siwendu.



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

## Farm List

**Date Requested** 2018/08/21 15:15  
**Deeds Office** BLOEMFONTEIN  
**Registration Division** PARYS RD  
**Farm Name** -  
**Farm Number** 407  
**Remaining Extent** NOT SELECTED

| PORTION LIST |  |             |                   |                    |
|--------------|--|-------------|-------------------|--------------------|
| Portion      | Owner                                      | Title Deed  | Registration Date | Purchase Price (R) |
| 0            | WINNERS POINT 117 TRADING PTY LTD          | T349/2006   | 2006/01/09        | 14 000 000         |
| 1            | WINNERS POINT 117 TRADING PTY LTD          | T348/2006   | 2006/01/09        | 14 000 000         |
| 2            | VAN ASWEGEN TESTAMENTERE TRUST             | T25216/2002 | 2002/10/17        | TRANSFER BY ENDO   |
| 3            | WINNERS POINT 117 TRADING PTY LTD          | T347/2006   | 2006/01/09        | 14 000 000         |
| 4            | JACOBS STEPHEN                             | T3754/2015  | 2015/04/16        | 3 000 000          |
| 5            | ** FOR INFO REFER TO REGISTRAR OF DEEDS ** | REPLACED    | -                 | -                  |
| 6            | NOORD VRYSTAAT GRAAN & VEE PTY LTD         | T9167/2006  | 2006/05/04        | 1 140 000          |

### DISCLAIMER

This report contains information gathered from the WinDeed database and we do not make any representations about the accuracy of the data displayed nor do we accept responsibility for inaccurate data. LexisNexis will not be liable for any damage caused by reliance on this report and for legal purposes encourage validation on ownership details with the Deeds Office. This report is subject to the terms and conditions of the WinDeed End User Licence Agreement (EULA).



## WinDeed Database Deeds Office Property

**windeed**  
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WOODLANDS, 407, 0 (REMAINING EXTENT) (BLOEMFONTEIN)

**GENERAL INFORMATION**

Date Requested 2018/08/21 15:35  
Deeds Office BLOEMFONTEIN  
Information Source WINDEED DATABASE  
Reference GOOSEBAY MINING RIGHT

**PROPERTY INFORMATION**

Property Type FARM  
Farm Name WOODLANDS  
Farm Number 407  
Portion Number 0 (REMAINING EXTENT)  
Local Authority NOT AVAILABLE  
Registration Division PARYS RD  
Province FREESTATE  
Diagram Deed T460/1952  
Extent 261.0839H  
Previous Description -  
LPI Code F02500000000040700000

**OWNER INFORMATION**

Owner 1 of 1  
Type COMPANY  
Name WINNERS POINT 117 TRADING PTY LTD  
ID / Reg. Number 200500068607  
Title Deed T349/2006  
Registration Date 2006/01/09  
Purchase Price (R) 14,000,000  
Purchase Date 2005/06/30  
Share 0.00  
Microfilm 2006 0045 1369  
Multiple Properties NO  
Multiple Owners NO

**ENDORSEMENTS (4)**

| # | Document     | Institution | Amount (R) | Microfilm      |
|---|--------------|-------------|------------|----------------|
| 1 | K14/2006S    | -           | UNKNOWN    | 2006 0045 1381 |
| 2 | 17/1972MR    | -           | UNKNOWN    | -              |
| 3 | FROM 192,247 | -           | UNKNOWN    | -              |
| 4 | PARYS RD,407 | -           | UNKNOWN    | -              |

**HISTORIC DOCUMENTS (2)**

| # | Document   | Owner                   | Amount (R) | Microfilm      |
|---|------------|-------------------------|------------|----------------|
| 1 | T4283/1996 | BENEPROPS THREE PTY LTD | 315,000    | 2006 0045 1364 |
| 2 | T74/1971   | JUZI JOHANN BERNHARD    | UNKNOWN    | -              |

**DISCLAIMER**

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## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Monday, November 5, 2018 4:45 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Copy of Deed Reports  
**Attachments:** SKM\_C65818110509241.pdf

**From:** Lefa Isaac Thabane [mailto:Lefa.Thabane@drdlr.gov.za]  
**Sent:** 05 November 2018 03:27 PM  
**To:** Zizo Siwendu  
**Cc:** Nozipho Dlamini  
**Subject:** RE: Copy of Deed Reports

Good Day

Kindly receive the attached response letter in respect of the Monte Cristo .

I appreciate your cooperation and patience

Regards



### LEFA THABANE

#### INFORMATION MANAGEMENT UNIT

Tel: 051 430 0444 | E-mail: Lefa.Thabane@drdlr.gov.za  
Address: Old Postbank Building c/o East Burger and Selbourne Street  
Bloemfontein, Free State Province, 9300, South Africa  
[www.drdlr.gov.za](http://www.drdlr.gov.za)

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** 05 November 2018 01:13 PM  
**To:** Lefa Isaac Thabane  
**Subject:** Copy of Deed Reports

Dear Lefa,

I trust this mail find you well

As per telecom, please find herewith attached requested documents.

**Best regards,  
Zizo Siwendu.**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)



OFFICE OF THE PRESIDENT, LAND CLAIMS COMMISSION, 107-107A (A)  
General Building, 111 of Constitution Avenue, Johannesburg, South Africa, 2001, 011 900 1000  
011 900 1000/1001

Enquiries: Lefa Thabane

**SHANGO SOLUTIONS**  
PO Box 2591  
Cresta  
2118

Dear Ms Z Siwendu

**LAND CLAIMS ENQUIRY:**

- 1. REMAINING EXTENT OF THE FARM WOODLANDS 407, DISTRICT PARYS, PROVINCE FREE STATE.**
- 2. REMAINDER OF PORTION 01 OF THE FARM WOODLANDS 407, DISTRICT PARYS, PROVINCE FREE STATE.**
- 3. PORTION 03 OF THE FARM WOODLANDS 407, DISTRICT PARYS, PROVINCE FREE STATE.**

We refer to your enquiry received on the 05 October 2018.

We confirm that as at the date of this letter no land claims appear on our database in respect of the Property. This includes the database for claims lodged by 31 December 1998; and those lodged between 1 July 2014 and 27 July 2016 in terms of the Restitution of Land Rights Amendment Act, 2014.

Whilst the Commission takes reasonable care to ensure the accuracy of the information it provides, there are various factors that are beyond the Commission's control, particularly relating to claims that have lodged but not yet been gazetted such as:

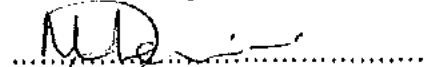
1. Some Claimants referred to properties they claim dispossession of rights in land against using historical property descriptions which may not match the current property description; and

2. Some Claimants provided the geographic descriptions of the land they claim without mentioning the particular actual property description they claim dispossession of rights in land against.

The Commission therefore does not accept any liability whatsoever if through the process of further investigation of claims it is found that there is in fact a land claim in respect of the above property.

If you are aware of any change in the description of the above property after 19 June 1913 kindly supply us with such description so as to enable us to do a further search.

Yours faithfully



Ms. N DLAMINI

ASD: IMU

LAND RESTITUTION SUPPORT: FS

DATE: 02/11/ 2018

## WinDeed Database Deeds Office Property

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WOODLANDS, 407, 0 (REMAINING EXTENT) (BLOEMFONTEIN)

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Microfilm 2006 0045 1369  
Multiple Properties NO  
Multiple Owners NO

**ENDORSEMENTS (4)**

| # | Document     | Institution | Amount (R) | Microfilm      |
|---|--------------|-------------|------------|----------------|
| 1 | K14/2006S    | -           | UNKNOWN    | 2006 0045 1381 |
| 2 | T7/1972MR    | -           | UNKNOWN    | -              |
| 3 | FROM 192,247 | -           | UNKNOWN    | -              |
| 4 | PARYS RD,407 | -           | UNKNOWN    | -              |

**HISTORIC DOCUMENTS (2)**

| # | Document   | Owner                   | Amount (R) | Microfilm      |
|---|------------|-------------------------|------------|----------------|
| 1 | T4283/1996 | BENEPROPS THREE PTY LTD | 315,000    | 2006 0045 1364 |
| 2 | T74/1971   | JUZI JOHANN BERNHARD    | UNKNOWN    | -              |

**DISCLAIMER**

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## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, November 15, 2018 1:12 PM  
**To:** 'Lefa.Thabane@drdlr.gov.za'  
**Cc:** 'Zizo Siwendu'  
**Subject:** RE: Copy of Deed Reports

Good day,

Thank you for your correspondence.

Your comment that no land claims appear on your database in respect of the affected property is well noted.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

---

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** Monday, November 5, 2018 4:45 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Copy of Deed Reports

**From:** Lefa Isaac Thabane [mailto:Lefa.Thabane@drdlr.gov.za]  
**Sent:** 05 November 2018 03:27 PM  
**To:** Zizo Siwendu  
**Cc:** Nozipho Dlamini  
**Subject:** RE: Copy of Deed Reports

Good Day

Kindly receive the attached response letter in respect of the Monte Cristo .

We appreciate your cooperation and patience

Regards



**LEFA THABANE**

INFORMATION MANAGEMENT UNIT

Tel: 051 430 0444 | E-mail: [Lefa.Thabane@drdlr.gov.za](mailto:Lefa.Thabane@drdlr.gov.za)

Address: Old Postbank Building c/o East Burger and Selbourne Street  
Bloemfontein, Free State Province, 9300, South Africa

[www.drdlr.gov.za](http://www.drdlr.gov.za)

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, November 6, 2018 7:51 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Pure Source Mine Mining Application - Objection Registration

**From:** James Ludick [mailto:JLudick@edcon.co.za]  
**Sent:** 06 November 2018 07:41 AM  
**To:** zizo@shango.co.za  
**Cc:** 33 Rudi Liebenberg; 47 Harko Mulder; 46 Kenneth Hayes; 36a Ursela Roch  
**Subject:** Pure Source Mine Mining Application - Objection Registration

Lapa Manzi Home owners Association registration of objection against the application of mining rights on and against the Vaal river which will impact on the environment by Monte Cristo Commercial Park (Goosebay Farm).

Plot 31 – 54

: Frazer Quinn ([sharonquinn@vodamail.co.za](mailto:sharonquinn@vodamail.co.za)); 32 Bertie de Wal <[bertie@marissanel.co.za](mailto:bertie@marissanel.co.za)>; 33 Rudi Liebenberg <[rudil@reutech.co.za](mailto:rudil@reutech.co.za)>; 34 Erich Smith <[erichsmith@gmail.com](mailto:erichsmith@gmail.com)>; 35 Pieter Nortje <[petrus.inortje@yahoo.com](mailto:petrus.inortje@yahoo.com)>; 36 Adriaan de Lange <[at@sddiam.co.za](mailto:at@sddiam.co.za)>; 36a Ursela Roch <[ursela@idllab.co.za](mailto:ursela@idllab.co.za)>; 37 Dewaldt de Klerk <[dewaldtde@nedbank.co.za](mailto:dewaldtde@nedbank.co.za)>; 38 George Koen <[gmakoen@gmail.com](mailto:gmakoen@gmail.com)>; 39 Andre Pienaar <[andre@solidbuild.co.za](mailto:andre@solidbuild.co.za)>; 40 Stephan Fick <[ronel.cp.fick@gmail.com](mailto:ronel.cp.fick@gmail.com)>; 40 Stephan Fick ([stephanf@absa.co.za](mailto:stephanf@absa.co.za)); 41 Egbert Okkely <[outafric@mweb.co.za](mailto:outafric@mweb.co.za)>; 42 Debbie Seinch <[prosecurity@mweb.co.za](mailto:prosecurity@mweb.co.za)>; 43 Jacek Fastyn <[fastynjmw@absamail.co.za](mailto:fastynjmw@absamail.co.za)>; 44 Piet Uys ([uys@puys.co.za](mailto:uys@puys.co.za)); 45 Rory Gallocher <[roryg@shra.org.za](mailto:roryg@shra.org.za)>; 46 Kenneth Hayes <[admin@ahvaal.co.za](mailto:admin@ahvaal.co.za)>; 47 Harko Mulder <[harko.mulder@polka.co.za](mailto:harko.mulder@polka.co.za)>; 48 James Ludick <[jludick@edcon.co.za](mailto:jludick@edcon.co.za)>; 49 Wayne Botes <[boteswayne@gmail.com](mailto:boteswayne@gmail.com)>; 50 DJ Vosloo <[dj.vosloo@pepsico.com](mailto:dj.vosloo@pepsico.com)>; 51 Joseph Keywood <[jebag.00139@ymail.com](mailto:jebag.00139@ymail.com)>; 52 Eugene Keys <[eugene.keys@mactube.co.za](mailto:eugene.keys@mactube.co.za)>; 53 Wim <[wim.segotta@mediclinic.co.za](mailto:wim.segotta@mediclinic.co.za)>; 54 Ian Hunter <[ian.hunter35@yahoo.com](mailto:ian.hunter35@yahoo.com)>

Regards

**James Ludick**

Finance & Admin Manager – Gauteng Distribution Centre

27 (0) 11) 281 5302 | M: +27 (0) 84 811 3095 | E: [jludick@edcon.co.za](mailto:jludick@edcon.co.za) | Location: GDC Isando



This message is subject to certain restrictions and qualifications which are contained in our email disclaimer which is available on our website at [www.edcon.co.za/Edcon/Disclaimer](http://www.edcon.co.za/Edcon/Disclaimer) or from the Group Secretary on (011) 495-6000.

The disclaimer also provides our corporate information and names of our directors as required by law.

The disclaimer is deemed to form part of this message in terms of Section 11 of the Electronic Communications and Transactions Act, 2002.

 Please consider the environment before printing this email and/or any related attachments

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Tuesday, November 6, 2018 2:05 PM  
**To:** 'JLudick@edcon.co.za'  
**Cc:** 'Zizo Siwendu'; 'sharonquinn@vodamail.co.za'; 'bertie@marissanel.co.za'; 'rudil@reutech.co.za'; 'erichsmith@gmail.com'; 'petrus.jnortje@yahoo.com'; 'andre@solidbuild.co.za'; 'ronel.cp.fick@gmail.com'; 'outafric@mweb.co.za'; 'prosecurity@mweb.co.za'; 'fastynjmw@absamail.co.za'; 'uys@puys.co.za'; 'roryg@shra.org.za'; 'admin@ahvaal.co.za'; 'harko.mulder@polka.co.za'; 'boteswayne@gmail.com'; 'dj.vosloo@pepsico.com'; 'lebag.00139@ymail.com'; 'eugene.keys@mactube.co.za'; 'wim.segotta@mediclinic.co.za'; 'ian.hunter35@yahoo.com'  
**Subject:** RE: Pure Source Mine Mining Application - Objection Registration  
**Attachments:** Pure Source Mine\_Additional Consultation\_IAP\_2018-10-26.pdf

Dear James,

Thank you for your mail.

Your objection to the above mentioned project is noted.

As requested, you have been registered as an Interested and Affected Party (I&AP) for this project. In addition, we have registered the I&APs you provided in your correspondence to the project database.

As registered I&APs, you will be kept up to date with any developments regarding this project.

Kindly find attached correspondence providing details on an additional public consultation scheduled for the 10<sup>th</sup> November 2018 wherein key issues raised by I&APs will be addressed.

Should you have any questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

---

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]  
**Sent:** Tuesday, November 6, 2018 7:51 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Pure Source Mine Mining Application - Objection Registration

**From:** James Ludick [mailto:JLudick@edcon.co.za]  
**Sent:** 06 November 2018 07:41 AM  
**To:** zizo@shango.co.za



## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, November 6, 2018 9:05 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Emailing: English Registration Form (2)  
**Attachments:** English Registration Form (2).docx

-----Original Message-----

**From:** Roelf Pretorius [mailto:roelof.pretorius@absamail.co.za]  
**Sent:** 06 November 2018 09:01 AM  
**To:** zizo@shango.co.za  
**Subject:** Emailing: English Registration Form (2)

Please find attached objection to mining

Regards

# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                            |                       |   |
|---|----------------------------|-----------------------|---|
| <b>Name</b>                                   | Roelf Pretorius            | <b>EAP</b>            | Shango Solutions                          |
| <b>Address</b>                                | Plot 91                    | <b>Contact person</b> | Ms Zizo Siwendu                           |
|   | Lindequesdrif              | <b>Address</b>        | P.O Box 2591                              |
|   |                            |                       | Cresta                                    |
|   |                            |                       | 2118                                      |
| <b>Landowner/Lawful occupier/Organisation</b> | Roelf Pretorius            | <b>Project</b>        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 0836314736                 | <b>Tel no.</b>        | 011 678 6504                              |
| <b>Email</b>                                  | Roelof.pretorius@vox.co.za | <b>Email</b>          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

I stay on Plot 91 directly across where there are mining operations

Please state your interest in the proposed project (you are welcome to add additional pages if required):

My concern is the environment . Since mining started I hear them machines starting up at 0600h in the morning . Most of the birdlife Owls, Fish Eagle, Guinea Fowl, Bleshoender , Blue Crane disappeared. Vivid monkeys moved on .  
The dust from mining – evidence in my swimming pool every morning depending on wind direction.

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Not within the area but close Farm owners bordering the area

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

The informal settlement

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.;

Farming , directly opposiute the proposed site is Lindequesdrif where there are a number of small mscale farmers as well as a number of land owners who make a living out of holiday, fidling resorts

vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Socio economic – people who earn their livelihood in Lindequesdrif

And i pay taxes as if ina affluent society

According to JB Marks municipality my property is zoned residential land I pay taxes accordingly.  
Are there any other areas where mining is allowed within meters from a residential area.

**General Comments:**

There are photos available of what the area look like at present .Please if anyone can tell me how they intend rehabilitation .I took more than 20 years to rehab the diamond mine directly across the river where I stay – and they had rocks and stones to do so .How do you do it if all the sand is mined out ?

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP

registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed.....RS

Pretorius.....Name.....Roelf

.....Date.....

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, November 21, 2018 2:31 PM  
**To:** 'roelof.pretorius@absamail.co.za'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: Emailing: English Registration Form (2)  
**Attachments:** FW: Emailing: English Registration Form (2)

Good day,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our responses in read. The answers you provided in the registration form are highlighted in yellow.

1. Please state your interest in the proposed project.

My concern is the environment. Since mining started I hear the machines starting up at 06H00 in the morning. Most of the birdlife Owls, Fish Eagle, Guinea Fowl, Bleshoender, Blue Crane disappeared. Vivid monkeys moved on. The dust from mining – evidence in my swimming pool every morning depending on wind direction. Your concern is noted. The planned working hours for the proposed Pure Source Mine are as follows: For mining activities, a 5.5 day work week with a 2 shift system is proposed. Operating hours would be from 06:00 to 18:00. For diamond sorting, a 6 day work week with a 2 shift system, operating 24 hours a day. However, the 24 hour shift for diamond sorting will be reconsidered during the Environmental Impact Assessment (EIA) phase.

The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality impacts. In addition, mitigation measures such as dust suppression have been suggested by the relevant specialist.

2. Are you a landowner or legal land occupier within the application area?

Not within the area but close farm owners bordering the area.  
Noted.

3. Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

The informal settlement.  
Noted.

4. Please can you provide us with a description of the receiving environment.

Farming. Directly opposite the proposed site is Lindequesdrif where there are a small number of small scale farmers as well as a number of land owners who make a living out of the holiday, fishing resorts.  
Noted.

5. Please describe any biophysical and/or socio-economic impacts that you believe should be considered during the study.

Socio-economic - people who earn their livelihood in Lindequesdrif.  
Noted.

6. Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.

I pay taxes as if in an affluent society.  
Your comment is noted.

7. Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

According to JB Marks municipality, my property is zoned residential 1 and I pay taxes accordingly. Are there any areas where mining is allowed within metres from a residential area?

Your comment is noted. Kindly note that according to the Section 6 (a) of the Mining Health and Safety Act, 1996 (Act 29 of 1996), no mining operations may be carried out under or within a horizontal distance of 100 m from buildings, roads, railways, reserves, mine boundaries, any structure whatsoever or any surface. The Applicant has adhered to the 100 m buffer.

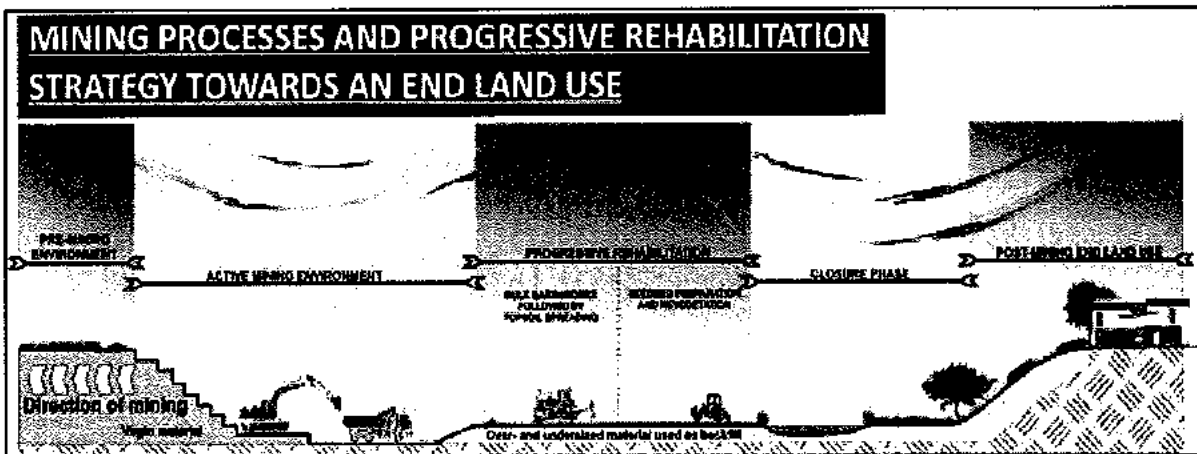
8. General comments:

There are photos available of what the area presently looks like. Please if anyone can tell me how they intend on rehabilitating? It took more than 20 years to rehabilitate the diamond mine directly across the river where I stay – and they had rocks and stones to do so. How do you do it if all the sand is mined out?

Rehabilitation, from the mining industry perspective, means the disturbed areas will adhere to a pre-determined plan or fulfill a post-closure function that is sustainable and usable. It recognizes that extraction of a resource will occur and that the original topography will be altered. The basic requirements for rehabilitation are to construct a stable, safe and functioning environment post-mining. This can be achieved through various methods.

Rehabilitation is not restoration. Therefore, the mining area will not have the same topography as the pre-mining environment. Rehabilitation in this case will be conducted in a progressive manner. Progressive rehabilitation involves a phased approach in which bulk earthworks, fine grading and re-vegetation will directly follow the pit mining activity, based on a year-on-year mining plan. Mining under this Mining Right will involve the excavation of open pit areas, of varying sizes and depths. Prior to commencement of mining, topsoil will be removed from the area demarcated for mining and stockpiled next to the pit for the purpose of rehabilitation. Once the resources in a certain pit have been mined-out, over- and undersized material will be utilised for backfilling, followed by topsoil spreading, and subsequent seedbed preparation and re-vegetation. Some of the excavated pits or depressions will be developed into artificial wetlands, as the intention isn't to restore the original topography, but to sculpt the mined areas to construct various ecological habitats.

The post-mining end land use will be an eco- and wildlife estate, ranging in various functions from resort and entertainment facilities, housing, agriculture as well as conservation (see diagram below).



Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

## Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Renee de Jong Hartslief <renee@bundunet.com>  
**Sent:** Wednesday, November 7, 2018 2:57 PM  
**To:** Zizo Siwendu  
**Cc:** mmakoena@shango.co.za; mike@thebiodiversitycompany.com; Sampie van Rooyen; Arnold de Beer; Mariette Liefferink  
**Subject:** Re: FW: Biodiversity response and oral submissions at 24 Oct meeting (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** image003.png; image001.png; image002.png; image003.png; image004.png; image005.png; image006.png; Report\_on\_S171\_Road\_Condition-ilovepdf-compressed.pdf

Dear Zizo,

Thank you very much for this email and thanks Michael for your detailed response.

Regarding the public meeting held on 24th October: where will the oral comments by attendees like myself, Arnold and Sampie be recorded and incorporated? It seems that they should be available to all IAPs at the upcoming 10th November meeting? You took copious notes and I was fully expecting that some form of written documentation would be forthcoming from you.

Here are bullet points of my report to Gavin:

"Things I found interesting:

1. This was a Public Participation meeting, in their eyes
2. The road is problematic to ALL and Shango is going to have a hard time dealing with the report I will forward them
3. Zoning - they seem to think it can be done AFTER rights have been approved
4. "Sense of Place" is problematic for them
5. Mining Charter - because they APPLIED on 24 August, the Charter was Gazetted on 27 September, their report was published 8 November: Therefore, the only provision in the Charter they do NOT have to comply with is mine ownership
6. At first they said there was a Social and Labour Plan available on their website. But then they said it was with DMR and not available to the public
7. Still non-compliant re rehab - other contractors to blame"

I would be happy to send you a link to the recording we made at the meeting. And attached please find the road report that must SURELY be addressed and made public...

Please consider, at the very least, putting our oral comments and your answers from the last meeting on your web site, prior to this Saturday's meeting.

Best regards,  
Renee

Renee de Jong Hartslief  
[www.facebook.com/TheSavannahAfrica](http://www.facebook.com/TheSavannahAfrica)  
+27 (0)71 448-4332 c  
Woolridge 65 "Savannah" farm





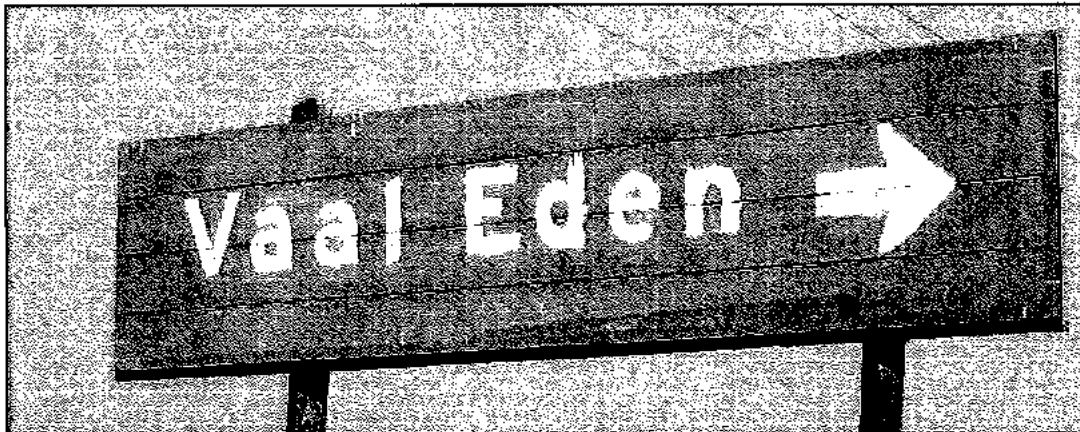
police, roads & transport  
Department of  
Police, Roads and Transport  
FREE STATE PROVINCE

P43/2/203

# REPORT

## SITE INSPECTION

Condition of Secondary Road S171  
Vaal Eden Road



Compiled by:  
I. Roux  
Engineer Pro Gr A

Chief Directorate Road

[www.fs.gov.za](http://www.fs.gov.za)

The report was completed following a letter of concern submitted by a member of the public to the office of the Member of the Executive Committee regarding the condition of special secondary road S171 (Vaal Eden Road)

The matter was referred to Mr. R. Thekso Chief Director Roads for investigation and completion of a report to the HOD.

## **INDEX**

- 1. BACKGROUND**
- 2. LOCALITY**
- 3. INVESTIGATION RESULTS**
- 4. RECOMMENDATIONS**

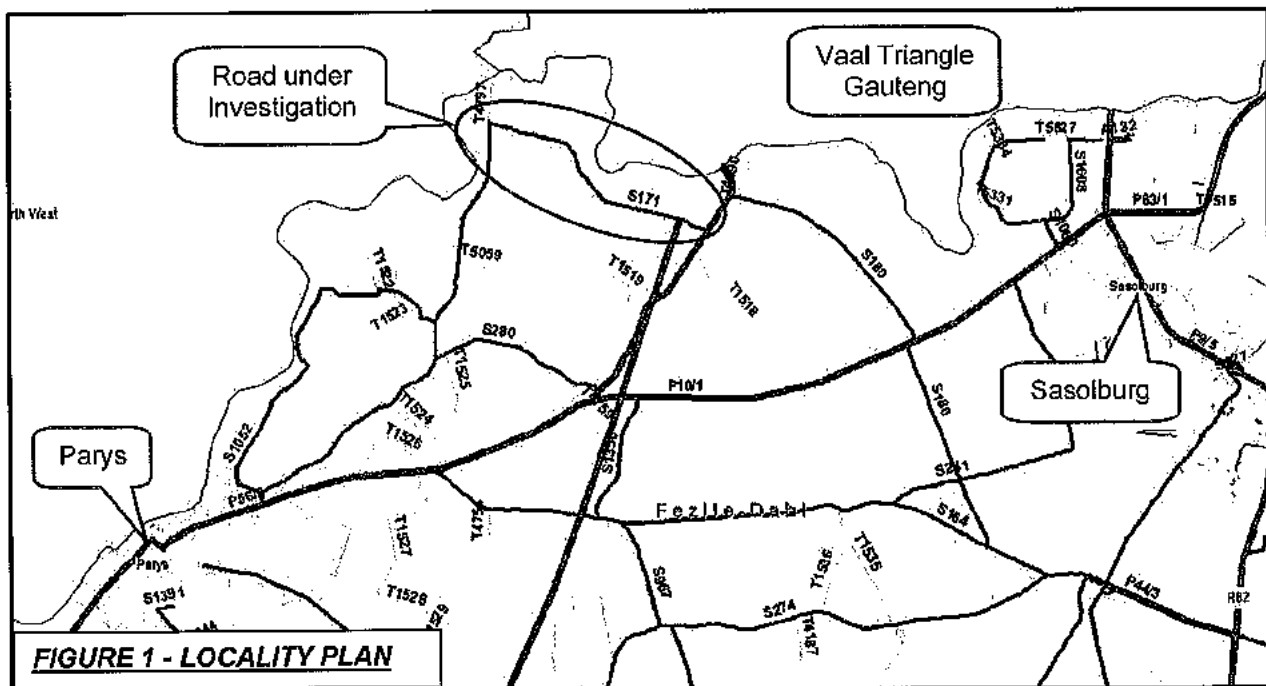
## 1. BACKGROUND

A letter of concern was submitted by Mr. A.J. Hanekom on the 06<sup>th</sup> of July 2017 (Annexure A) stating various problems on the condition of secondary road S171. The matter was forwarded to the office of the Chief Director Roads (Annexure B) and a site investigation was done on the 16<sup>th</sup> of August 2017.

The Regional Engineer, Me. E. Phalatse, was contacted for historical information on S171 but no information could be provided.

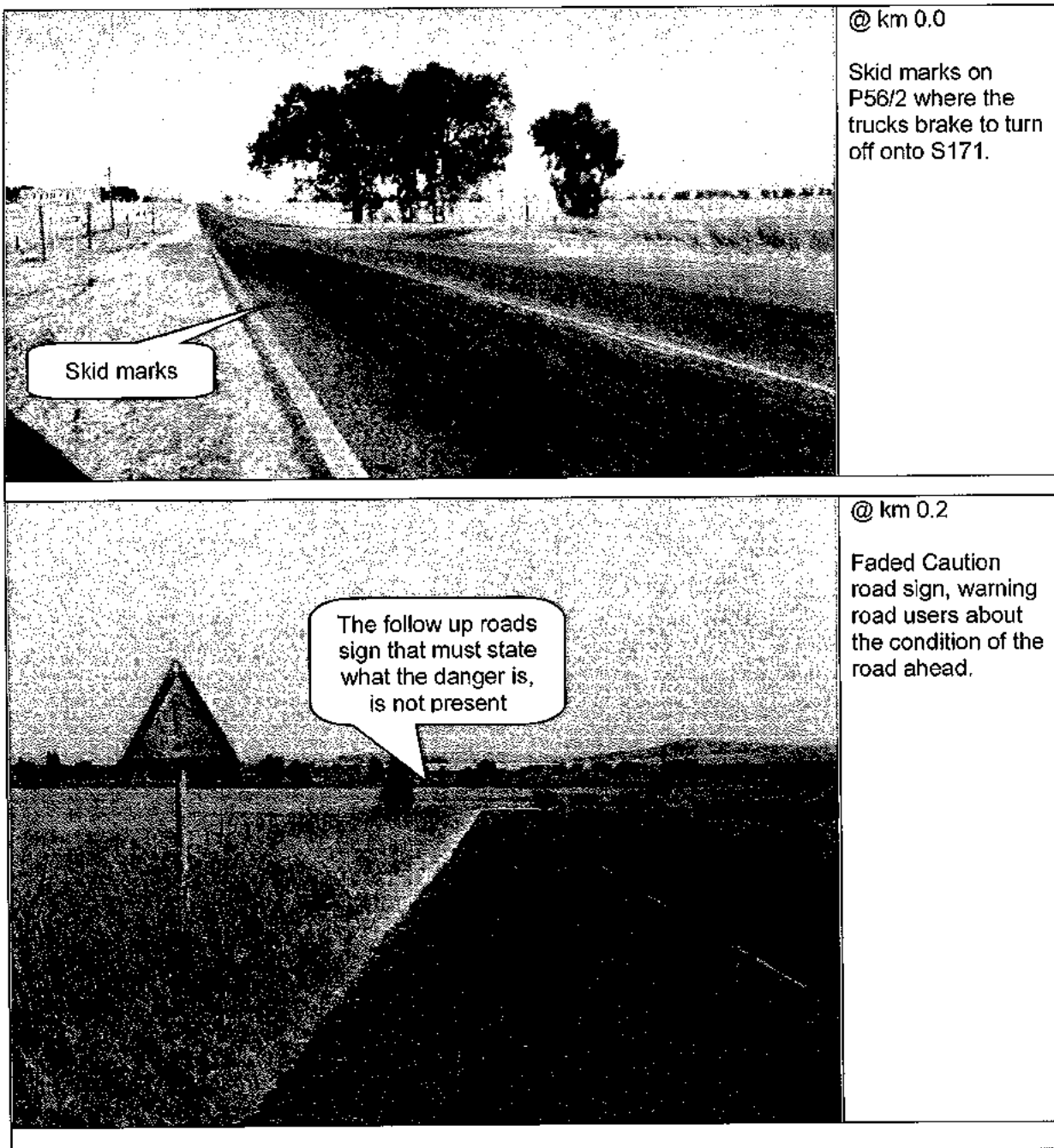
## 2. LOCALITY

The road that the member of the public is concerned about is located in the northern section of the Free State Province which borders the Gauteng province. The road is a secondary road with a paved road surface, but is not designed according to the same standard as that of a primary road.



### 3. INVESTIGATION RESULTS

- 3.1. Special Secondary Road S171 is proclaimed within a 25.0m road reserve with a paved road surface connecting with the remaining unpaved section of S171 and Primary Road P56/2.
- 3.2. The road was build as a collector road collecting all the local traffic from the township establishments along the Vaal River shore to the primary road P56/2, which distributes traffic to the Vaal Triangle and Parys town.



@ km 0.0

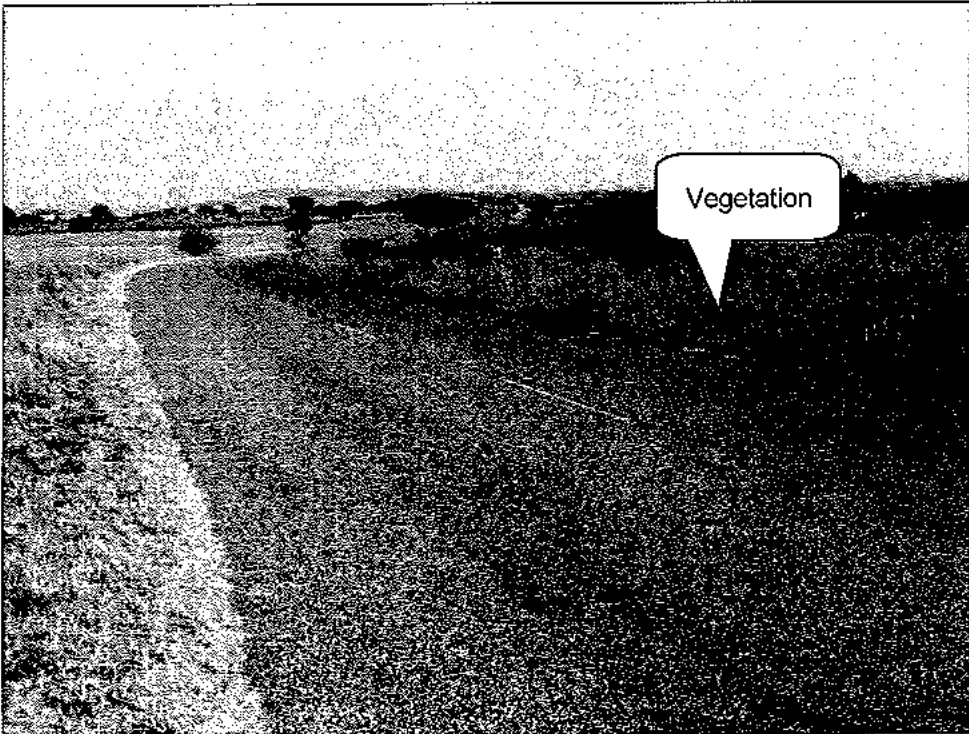
Skid marks on P56/2 where the trucks brake to turn off onto S171.

Skid marks

@ km 0.2

Faded Caution road sign, warning road users about the condition of the road ahead.

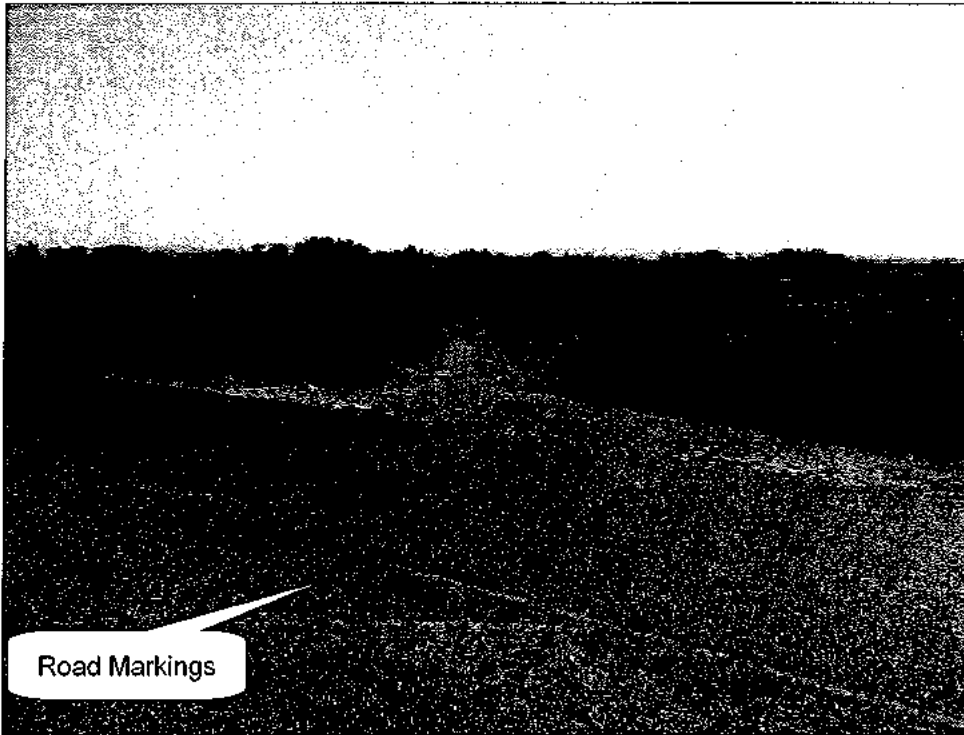
The follow up roads sign that must state what the danger is, is not present



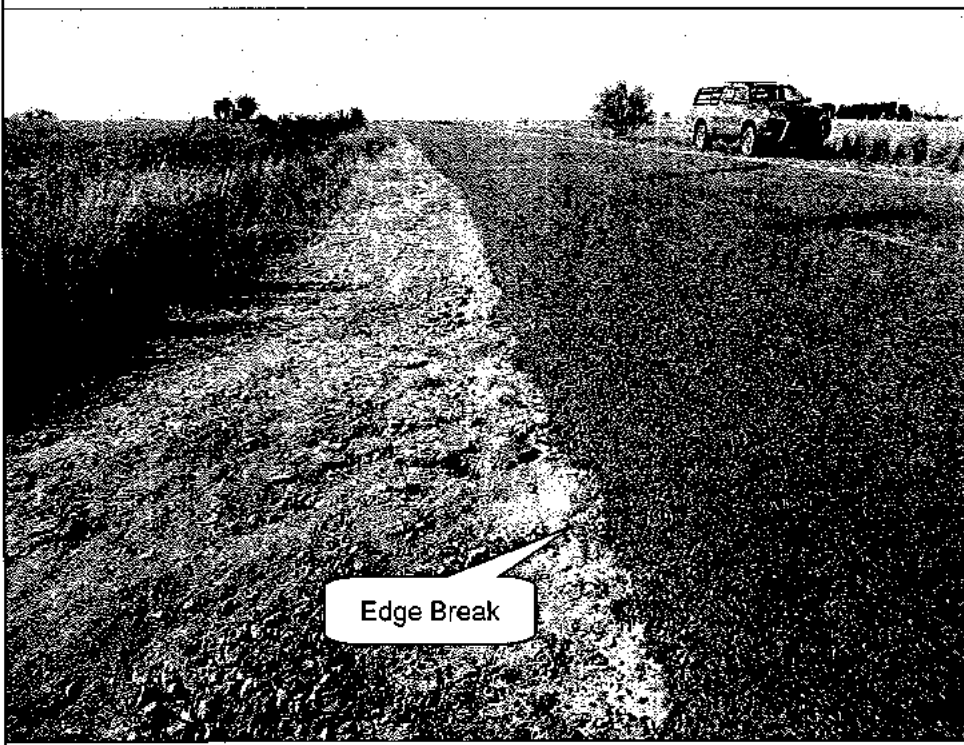
@ km 0.2  
Road shoulder  
higher than the  
road surface.



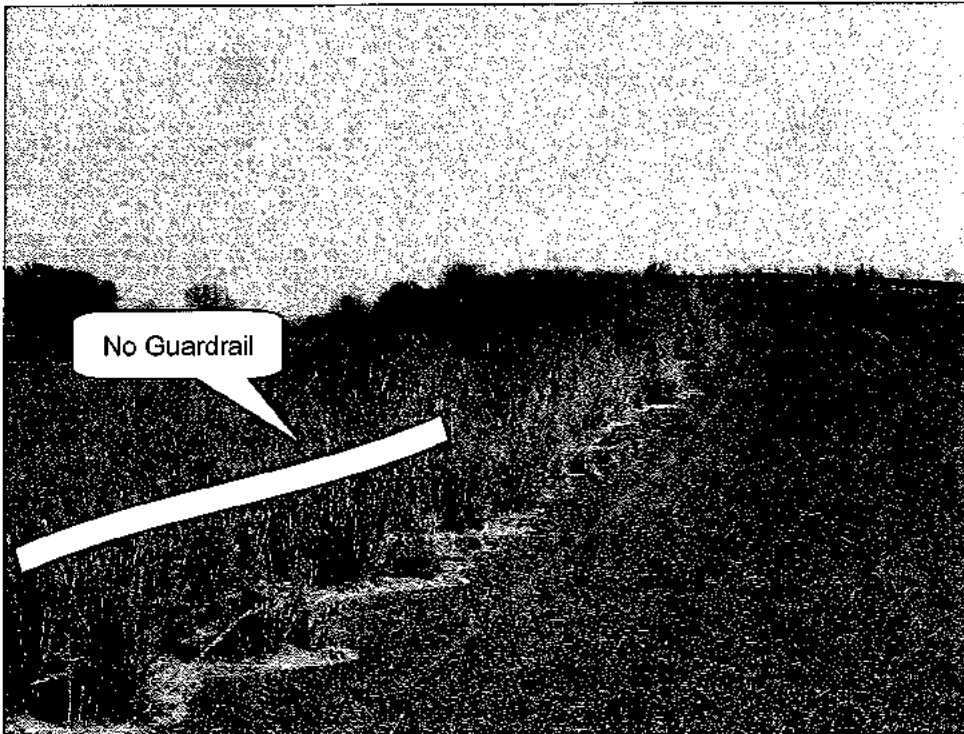
@ km 0.5  
Double swing gate  
on the left of S171.



@ km .55  
Farm Access to the right of S171  
Road making is Degree 3 ,(INAKS)



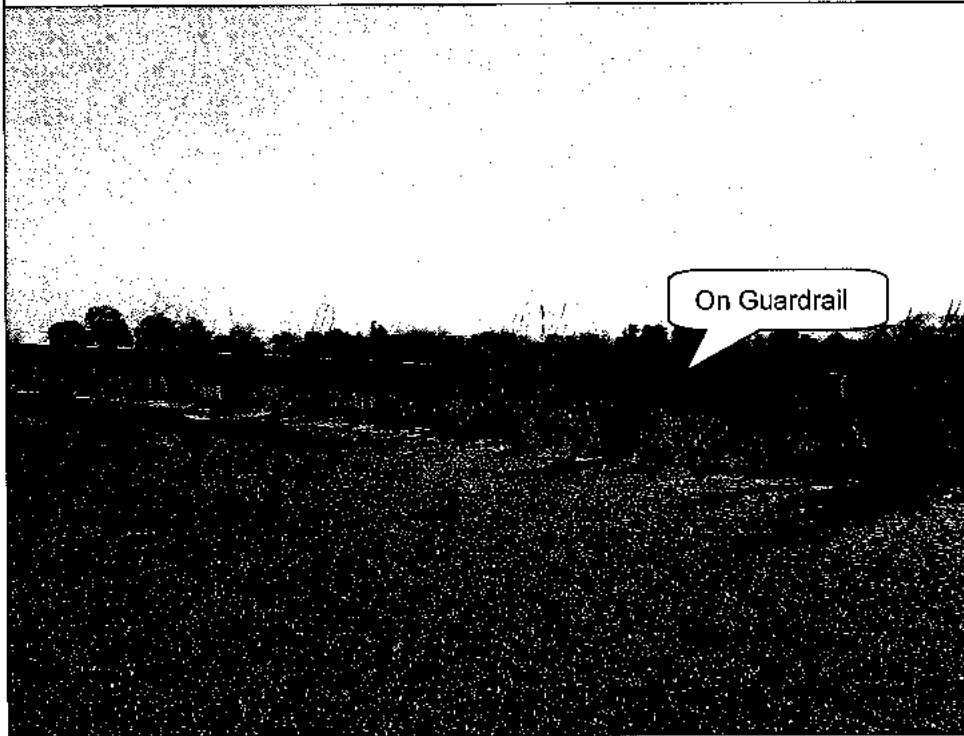
@ km 0.55  
Exit out of farm access.



From km 0.6 to  
km 1.3

Guardrails is  
missing.

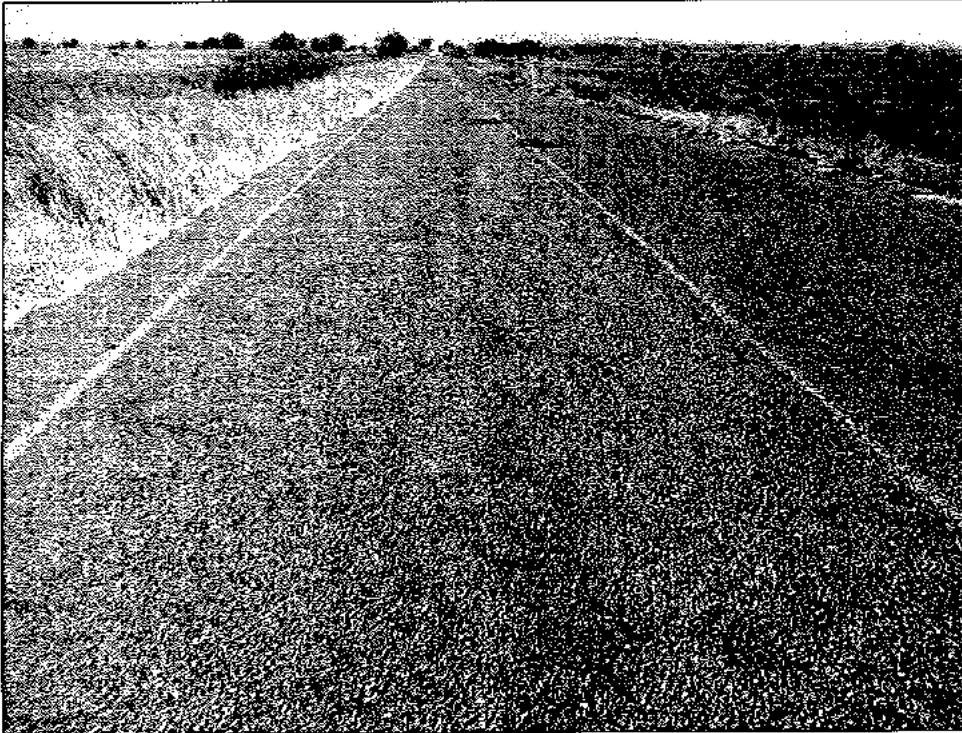
This is a danger for  
road users.



From km 0.6 to  
km 1.3

Guardrails is  
missing.





@ km 1.3  
Crocodile Cracks  
on S171 arisen  
from the dry road  
surface.



@ km 1.3  
Missing storm  
water grid.



@ km 1.9

Road failure and potholes for a 50m section of S171

The bad road condition causes sand to fall of the trucks passing over the potholes.



@ km 1.9

Potholes cover the majority of the road width of S171.



@ km 1.9

Vegetation on the road shoulder restrict the width of the roadway causing hazardous environment for vehicles to pass



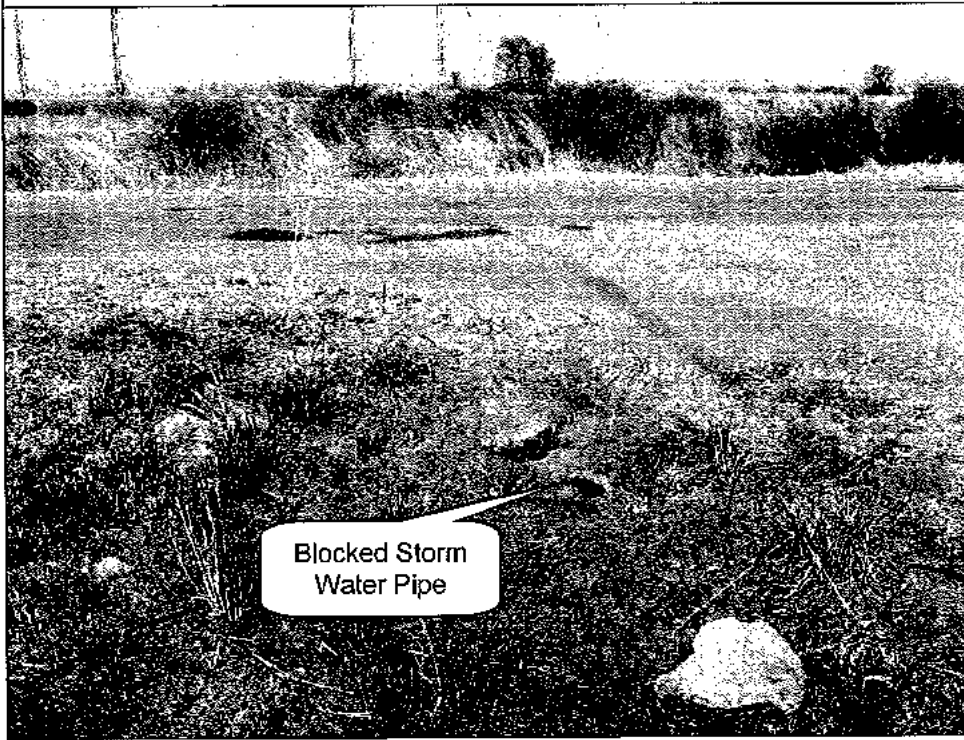
@ km 1.9

The overall design width of 7.4m is reduced to 6.0m due to vegetation and trees on the road shoulder.



@ km 2.1

Three Access roads to the right within a spacing of 40m of each other and a single access roads to the left.



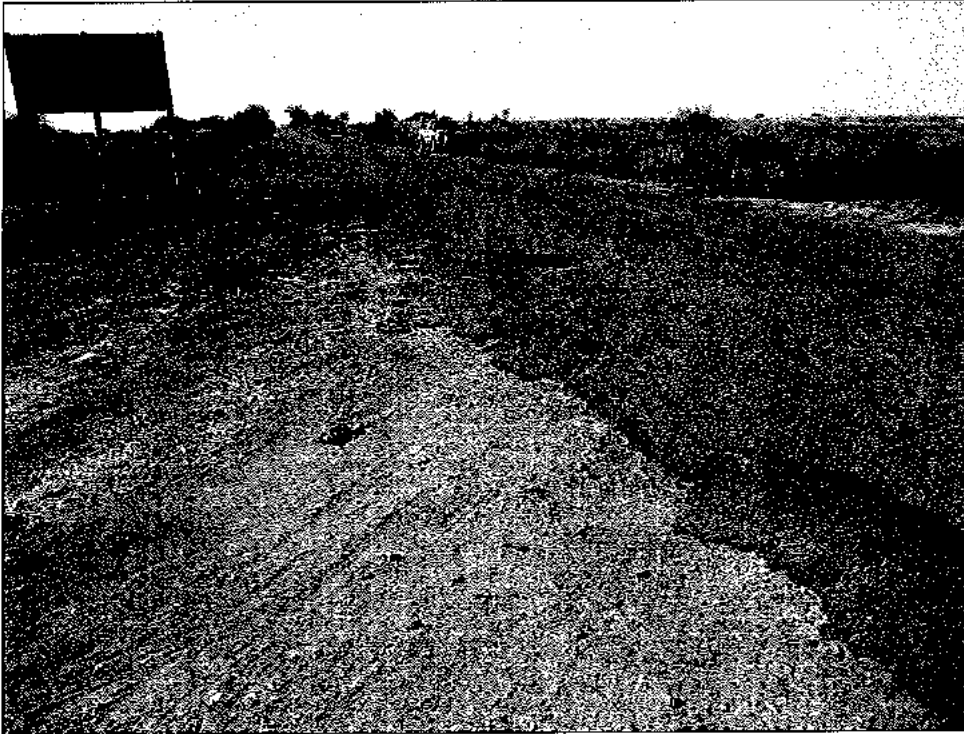
@ km 2.1

Blocked drainage pipes of the worst degree, degree 3 (INAKS)

Grading of conditions is done with the Departmental INAKS document.

Blocked Storm Water Pipe





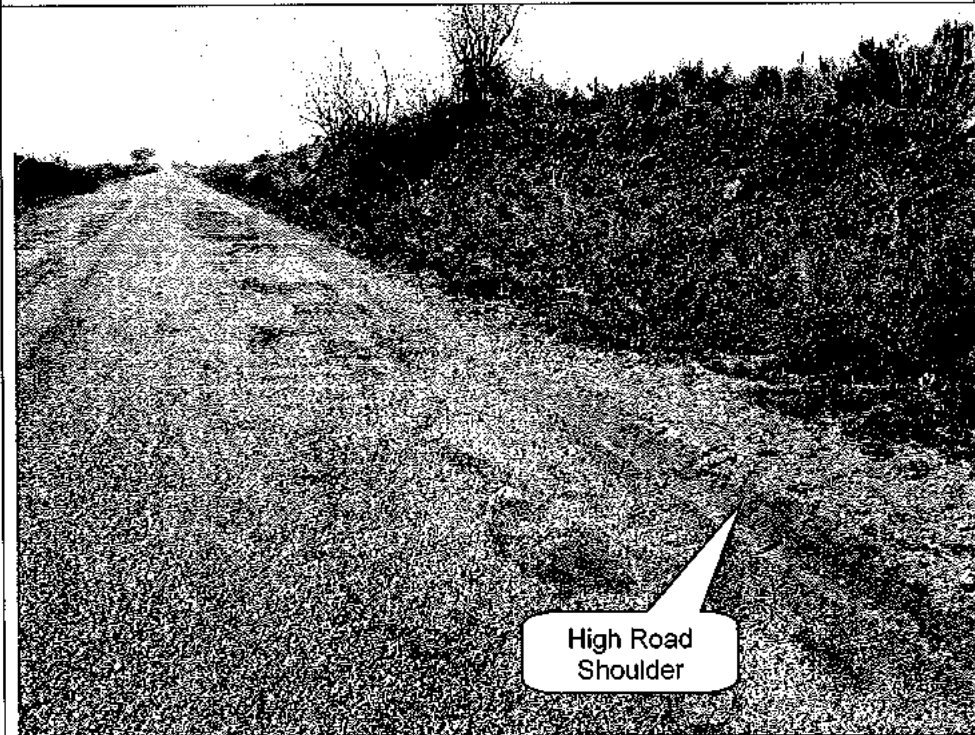
@ km 2.1  
Edge break on the access.



@ km 2.1  
Surface Failure and Aggregate Loss is present for long sections of S171.



From km 2.6 to km 2.9  
Road shoulder in the cutting is higher than the road surface.



From km 2.6 to km 2.9  
Embankment of the cutting has eroded causing v-drain to silt.

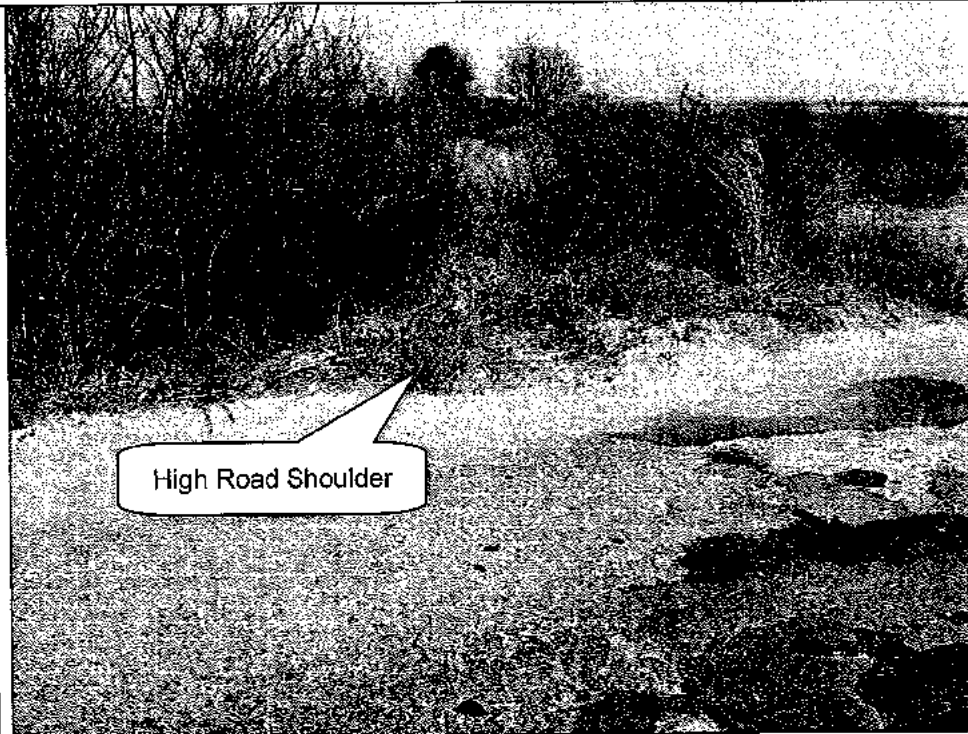
High Road Shoulder



@ km 3.1

Farm access to the left and right.

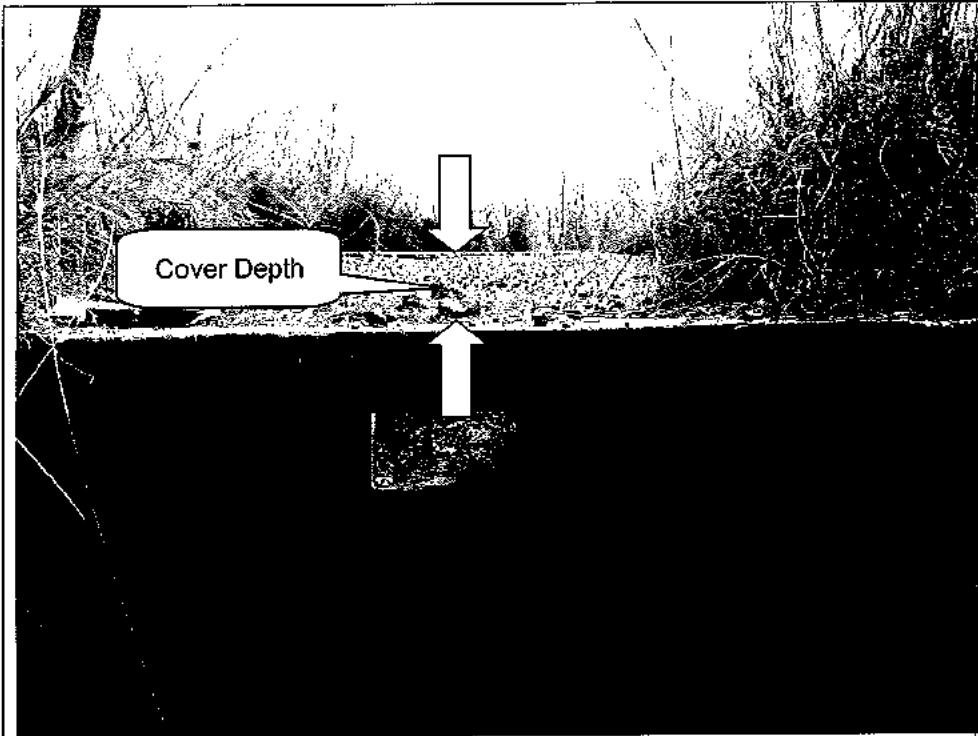
Animals crossing with no warning signs and edge break on either side of S171.



@ km 3.4

Road shoulder higher than road way causing water to pond on road way and potholes.

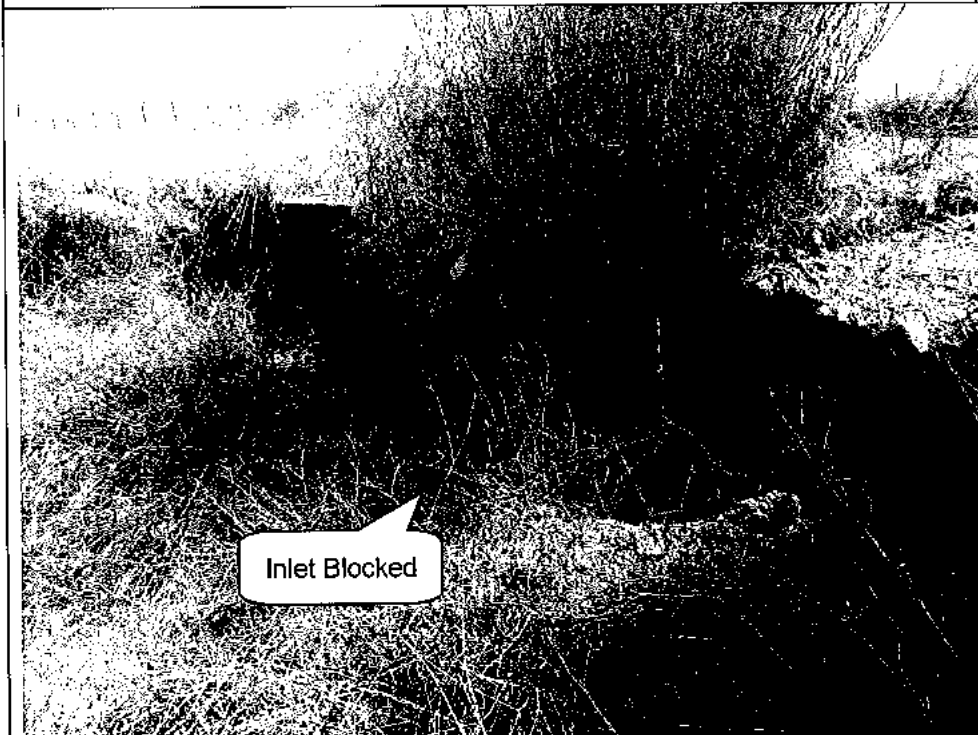
High Road Shoulder



@ km 3.4

Sediment at the inlet and outlet of the culvert.

The material cover over to be investigated by Structural Engineer.



@ km 3.4

There is two 450mm Ø drainage pipes which the inlet is blocked with material and 30m away is three more 450mm Ø drainage pipes which are silt up.





@ km 3.9  
Farm access to the left and right. Edge break present at both sides.



@ km 4.1  
Farm access to the left and trees growing on the road shoulder.  
  
The overall design width of 7.4m is reduced to 6.8m due to vegetation and trees on the road shoulder.



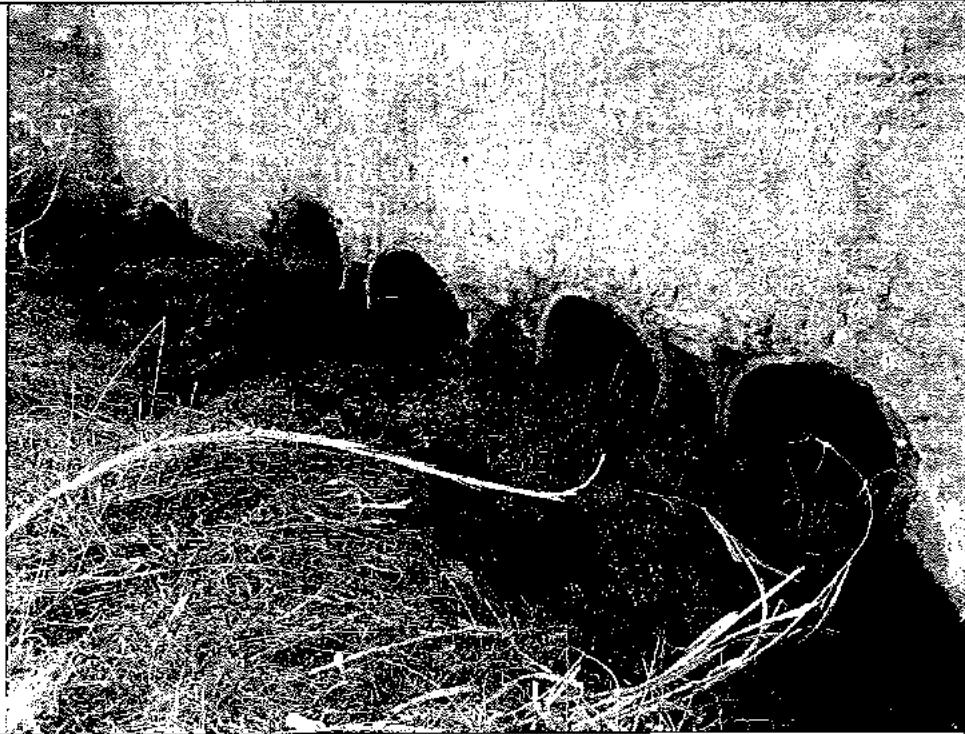
@ Km 4.3.

Delineator present  
at the culvert.



@ km 4.3

Soil on top of the  
culvert has  
subsided next to  
the wing wall.



@ km 4.3

Culvert at km 4.3 has five 450mm Ø drainage pipes of which the one is installed lower than the others.

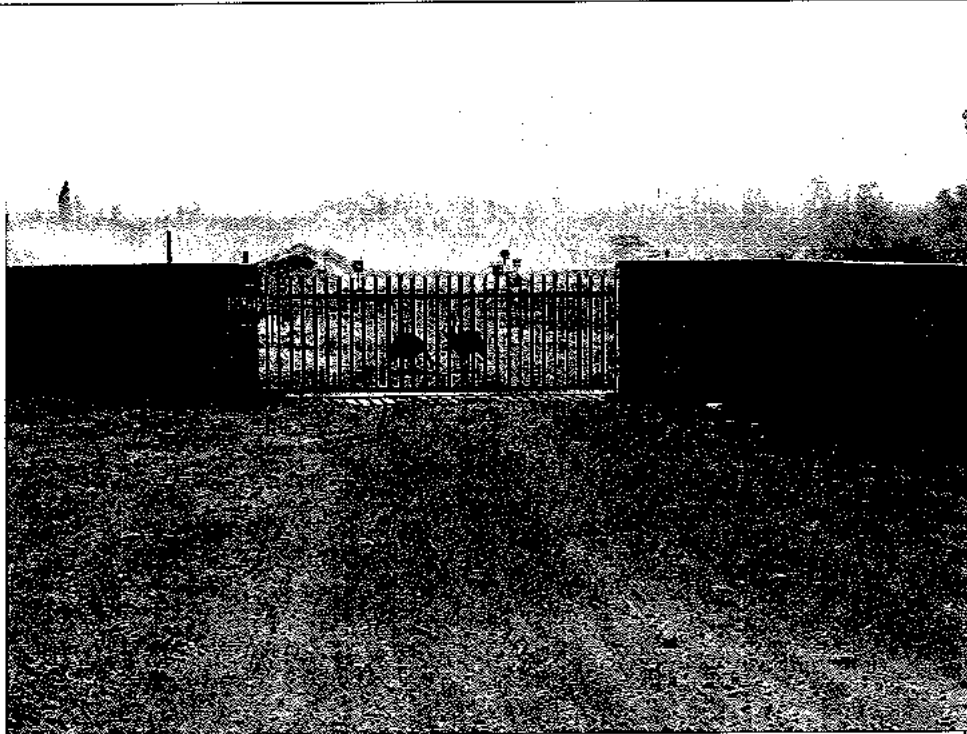
There is a lot of material on the inlet side of the drainage pipes.



@ km 4.5

Farm accesses to the left and right,

Road shoulder is much higher than road way.



@ km 6.2

Accesses to the left and right.

Access to the right is for sand mining.

No historic data could be obtained to determine if permission was provided by the Dep.

The sight distance to either side is sufficient for safe access.



@ km 6.9

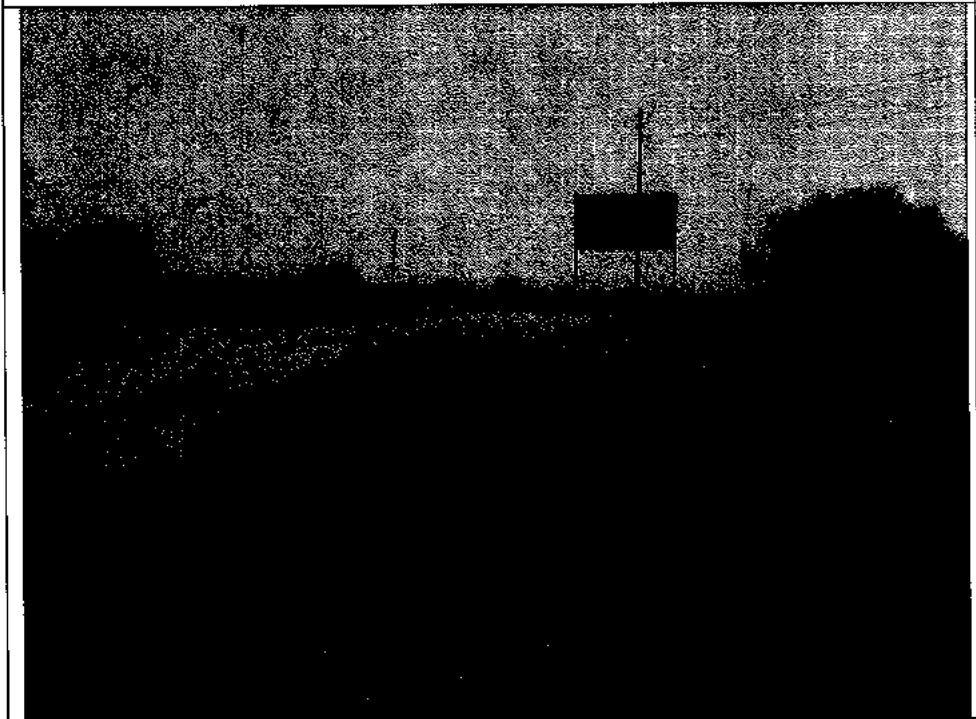
Road way has potholes and aggregate loss.

The aggregate loss causes road shoulder height to increase and the road way is reduced to 6.6m from the designed 7.4m width.



@ km 7.6 and km 7.8

Illegal road signs erected saying that heavy vehicles are moving ahead.



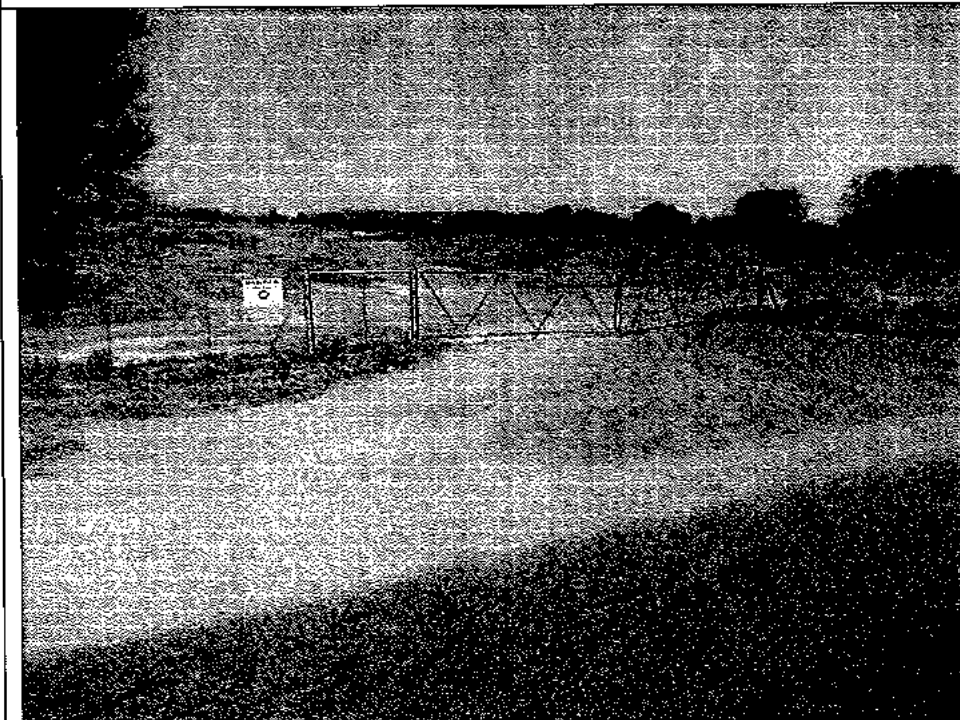
@ km 7.9

Access to Pure Source sand mine where truck turn wider and edge brake occurs.

The owner of the sand mine was contacted on site and the Department will investigate this matter.

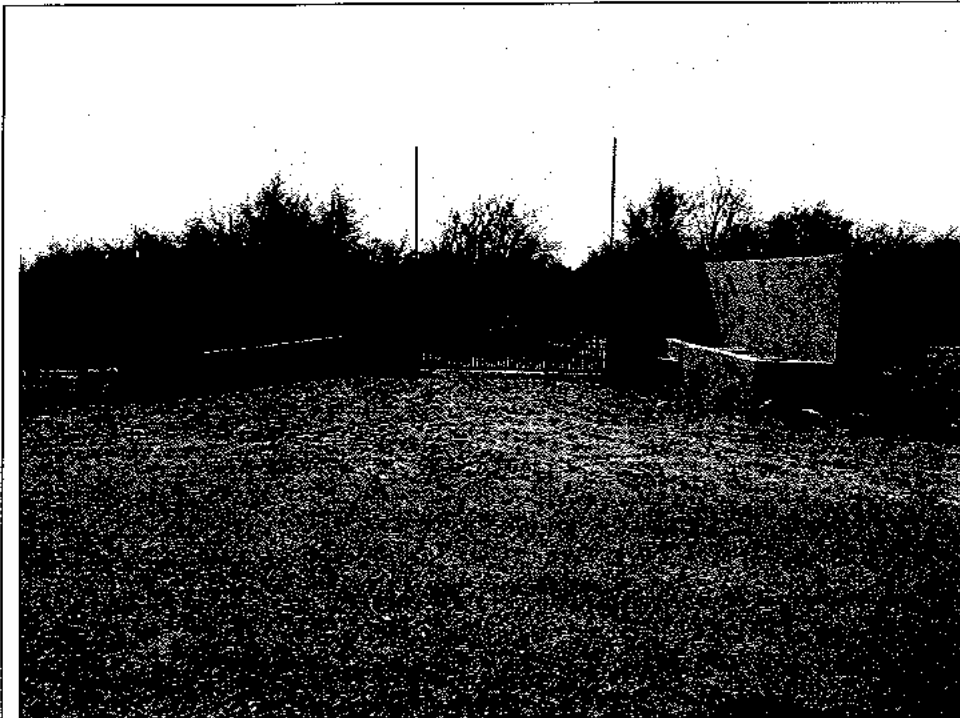


@ km 7.9  
Truck turning out of  
the access road  
from the Pure  
Source sand mine.

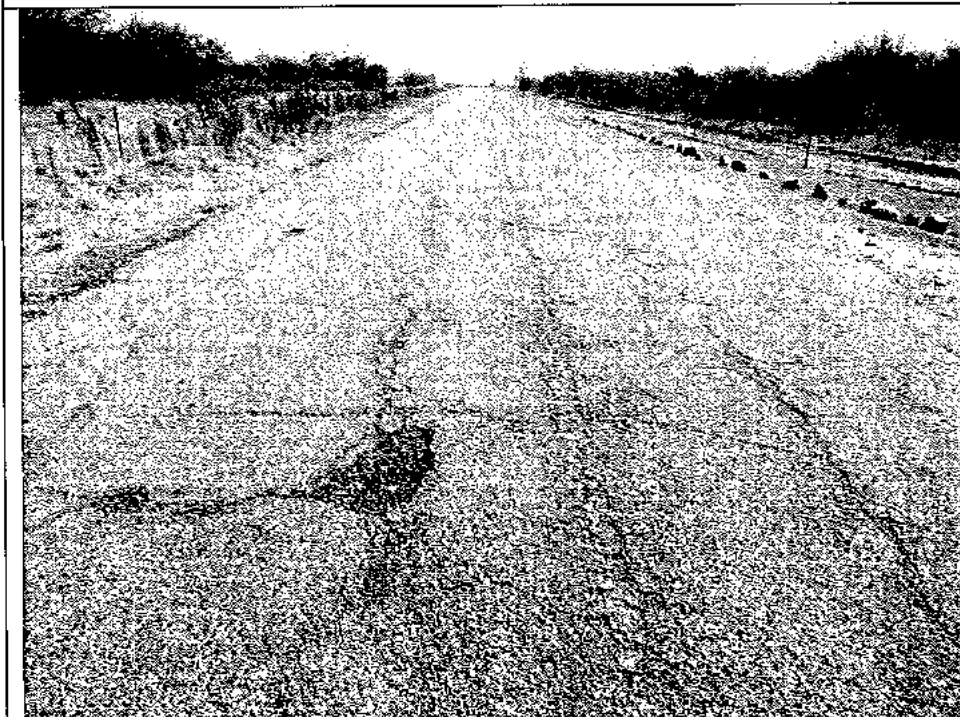


@ km 8.1  
Double swing gate  
to the left of S171,  
the board on the  
fence indicates that  
it is a mining area.  
  
The Department  
will request DETEA  
to investigate.





@ km 8.3  
Access gate to  
Goosbay Canyon  
Eco and River  
Estate on the right.  
  
Sight distance to  
the left is only 95m  
and to the right  
±450m.



@ km 8.5  
Road surface has  
potholes and  
crocodile cracks.



@ km 9.8

T-junction of surfaced section of S171 with unsurfaced section of S171 and T4797.

The road signs and road markings degree 3 (INAKS).

No W104 (T-junction) warning sign at the intersection if approached from Barrage.



#### **4. RECOMMENDATIONS**

##### **Short Term Remedial Actions: Normal Routine Maintenance**

- 4.1. The road shoulders must be reshaped to remove excess material before the rainy season commence.
- 4.2. Reshape the side drain within the cutting between km 2.6 and km 2.9 and consider the upgrading of the drain to a stone pitched channel.
- 4.3. Guard rails and the drain grid in the concrete channel along S171 must be replaced as it hold a potential safety risk for motorists.
- 4.4. Silted material must be removed from the storm water pipes and the in- and outlets must be must be reshaped to ensure efficient drainage of storm water.
- 4.5. Install edge beams at all access roads on the surfaced section of S171 to prevent any further edge breaks. Access management must also be applied to determine whether the required approvals are in place.
- 4.6. Sand mining activities along S171 must be reported to the Department of Mineral Recourses (DMR) and Department of Economic Development, Tourism and Environmental Affairs (DETEA) to determine that the necessary permits were obtained through the prescribed procedures.
- 4.7. All the road signs on S171 must be replaced.
- 4.8. Remove all trees on road shoulder and vegetation within roads reserve.
- 4.9. Patching of potholes and repairing of road sections where surfacing has collapse.

##### **Long Term Resolutions Contract Projects**

- 4.10. Fog spray the surfaced road section and apply a slurry seal on the areas where the crocodile cracks occur before it could be re-sealed
- 4.11. Structural engineer investigate the carrying capacity of storm water culvert at km 3.4.
- 4.12. Reseal the surfaced road section once the remedial actions with regard to the drainage, shoulders, vegetation and pavement was completed
- 4.13. Repaint the road markings.

---

Mr. I. Roux  
Engineer RAMS

## Annexure A

*Refers to HOD for response & feedback to me*  
*11/7/2017*

Mr. A. J. Hanekom  
P.O. Box 1768  
Vanderbijlpark  
1911

Mr. Sam Mashinini  
Member of the Executive Committee  
Free State Provincial Department of Police, Roads and Transport  
46 Charlotte Maxeke Street, Perm building,  
Bloemfontein  
9330

P.O. Box 119  
Bloemfontein  
9300  
(E-mail address: [mec@freetrans.gov.za](mailto:mec@freetrans.gov.za))

WITHOUT PREJUDICE AND THE RESERVATION OF ALL MY RIGHTS

Dear Sir,

**URGENT REQUEST FOR (I) AN INVESTIGATION INTO THE DANGEROUS AND POOR STATE OF THE VAAL EDEN ROAD, MAGISTERIAL DISTRICT OF PARYS; AND (II) THE UPGRADING OF THE SAID ROAD.**

I am the owner of several established businesses in the engineering and construction industries which are based in Vanderbijlpark whilst my residence is situated at the Vaal Eden Township on the banks of the Vaal River in the Magisterial District of Parys.

The relevant Vaal Eden road – which road some of my staff, my family and myself use on an almost daily basis - is currently in a very poor state and I subsequently record herewith the following salient concerns, namely;

- (a) Numerous large potholes that pose the risk of serious damage to vehicles, exist on the road;
- (b) The relevant road is narrow and the shoulders thereof are significantly eroded;
- (c) Numerous very heavy vehicles loaded with sand from sand mining operations in the vicinity of the relevant road are running on an almost daily basis and in my view contribute to serious exacerbation of the poor condition of the road;
- (d) The synergy of the poor state of the relevant road and the numerous heavy vehicles transporting sand, pose serious risks of accidents and even loss of lives to other road users;
- (e) residents from the Vaal Eden township ( myself included ) frequently have to travel on the relevant road at night and the risks of serious damage to vehicles and accidents obviously increase exponentially under such conditions;

- (f) The safety (condition and load capacity) of the bridges and culverts on the relevant road (given the significant weight of the aforesaid heavy vehicles) need in my opinion to be checked as a priority;
- (g) Loss of property values due to the deterioration of road infrastructure in the Vaal Eden area; and
- (h) The possible exodus of residents in the said area due to amongst others (g) above, with resultant job losses.

You are subsequently kindly, though urgently, requested to (i) have the matter investigated to prevent injuries/deaths and significant claims against e.g. your Department, and (ii) to order the urgent upgrade of the Vaal Eden road, please. I can also avail myself to accompany your team during an inspection *in loco* to point out specific dangers.

Kindly acknowledge receipt hereof.

Yours faithfully,

  
AJ HANEKOM

Date: 26.07.2011

# Annexure B



police, roads & transport

Department of  
Police, Roads and Transport  
FREE STATE PROVINCE

Ref: 01/13/07/2017

To: Mr. R. Thekiso  
Chief Director: Roads Infrastructure  
Medfontein Building  
Bloemfontein  
9300

*Mr. Wzaer*

*kindly respond to the letter  
regarding*

Dear Mr. Thekiso

**RE: URGENT REQUEST FOR (I) AN INVESTIGATION INTO THE DANGEROUS AND POOR STATE OF THE VAAL EDEN ROAD, MAGISTERIAL DISTRICT OF PARYS; AND (II) THE UPGRADEING OF THE SAID ROAD**

*27/07/2017*

The above matter refers.

Attached, kindly refer to the letter from Mr. A. J Hanekom, received from the office of the Honorable MEC.

Will you kindly investigate this matter and furnish the undersigned with a detailed report, also draft a response for the signature of the undersigned in this regard by the 17<sup>th</sup> July 2017.

Regards,

Mr. S. J. Mstib  
HoD: Police, Roads & Transport

*13/07/2017*  
Date

OFFICE OF THE HEAD: POLICE, ROADS & TRANSPORT  
P. O. Box 119, BLOEMFONTEIN, 9300.  
Perm Building, 45 Charlotte Maxeke Street, BLOEMFONTEIN.  
Tel: (051) 4098856, Email: HOD-SEC@freetrans.gov.za

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, November 8, 2018 1:24 PM  
**To:** 'Renee de Jong Hartsliet'  
**Cc:** zizo@shango.co.za; Sampie van Rooyen (svr@envmgrp.com); mariette@pea.org.za; 'nolsdebeer@gmail.com'  
**Subject:** RE: FW: Biodiversity response and oral submissions at 24 Oct meeting (FS 30/5/1/2/3/2/1/10048 EM)

Dear Renee,

Thank you for your mail.

The oral comments acquired at the public meeting held on the 24<sup>th</sup> October 2018 will be incorporated into the Final Scoping Report, which will be made available to the public at a public venue and on the Shango Solutions website for download, in due course.

Kindly forward me the link to the recording you made at the meeting.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Renee de Jong Hartsliet [mailto:renee@bundunet.com]  
**Sent:** Wednesday, November 7, 2018 2:57 PM  
**To:** Zizo Siwendu  
<mmakoena@shango.co.za>; mike@thebiodiversitycompany.com; Sampie van Rooyen; Arnold de Beer; Mariette Liefferink  
**Subject:** Re: FW: Biodiversity response and oral submissions at 24 Oct meeting (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo,

Thank you very much for this email and thanks Michael for your detailed response.

Regarding the public meeting held on 24th October: where will the oral comments by attendees like myself, Arnold and Sampie be recorded and incorporated? It seems that they should be available to all IAPs at the upcoming 10th November meeting? You took copious notes and I was fully expecting that some form of written documentation would be forthcoming from you.

Here are bullet points of my report to Gavin:

"Things I found interesting:

1. This was a Public Participation meeting, in their eyes

## Mmakoena

---

**From:** Renee de Jong Hartslief <renee@bundunet.com>  
**Sent:** Wednesday, November 7, 2018 5:08 PM  
**To:** Zizo Siwendu  
**Cc:** mmakoena@shango.co.za; mike@thebiodiversitycompany.com; Sampie van Rooyen; Arnold de Beer; Mariette Liefferink  
**Subject:** Re: FW: Pictures of Goosebay 4 Nov 2018 (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** WhatsApp Image 2018-11-04 at 11.30.20(2).jpeg; WhatsApp Image 2018-11-04 at 11.30.21.jpeg; WhatsApp Image 2018-11-04 at 11.30.19.jpeg; WhatsApp Image 2018-11-04 at 11.30.20.jpeg; WhatsApp Image 2018-11-04 at 11.30.20(1).jpeg

Dear Zizo,

Please can you confirm if these pictures are POSSIBLY of Goosebay?? They were sent to me on Sunday...

Thanks!

Renee

Renee de Jong Hartslief  
[www.facebook.com/TheSavannahAfrica](http://www.facebook.com/TheSavannahAfrica)  
+27 (0)71 448-4332 c  
Woolridge 65 "Savannah" farm  
Vaal Eden Road  
PO Box 12, Parys 9585  
Free State, South Africa  
[renee@bundunet.com](mailto:renee@bundunet.com)

On Wed, 7 Nov 2018 at 14:57, Renee de Jong Hartslief <[renee@bundunet.com](mailto:renee@bundunet.com)> wrote:

Dear Zizo,

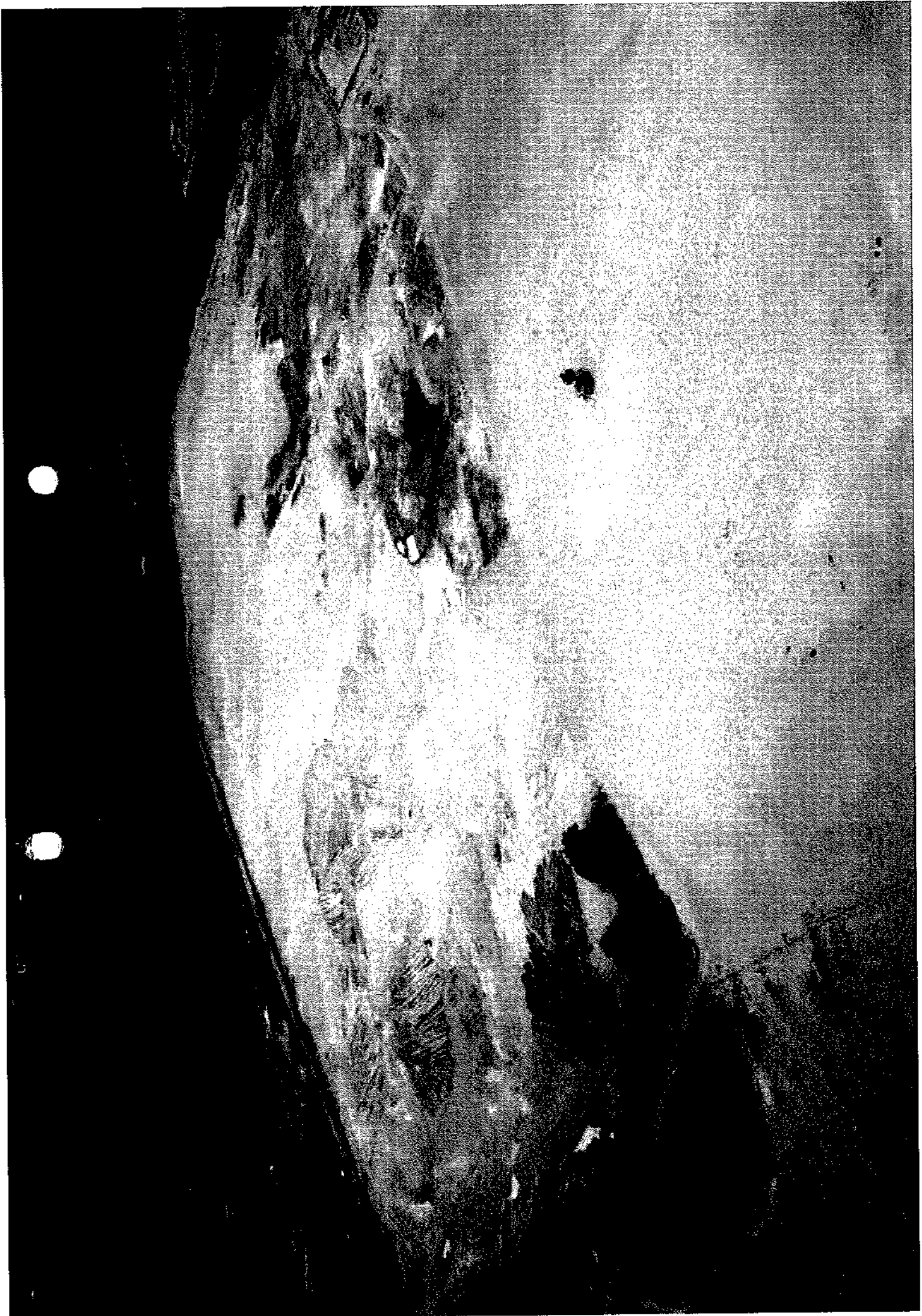
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4. "Sense of Place" is problematic for them
5. Mining Charter - because they APPLIED on 24 August, the Charter was Gazetted on 27 September, their report was published 8 November: Therefore, the only provision in the Charter they do NOT have to comply with is mine ownership



## Pure Source Mine - Mining Right Application

Our Ref:



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4503 | E: info@sahra.org.za  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
www.sahra.org.za

Enquiries: Ragna Redelstorff  
Tel: +27 (0)21 202 8651  
Email: rredelstorff@sahra.org.za  
CaseID: 12979

Date: Thursday November 08, 2018  
Page No: 1

### Letter

**In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)**

Attention: Pure Source Mine

**Monte Cristo Commercial Park (Pty) Ltd (hereafter referred to as Monte Cristo, the Applicant) is proposing to establish an opencast mine which will involve the development of open pits and associated mine infrastructure. The project will be known as Pure Source Mine. Commodities to be mined include sand, aggregate/gravel and diamonds (alluvial). The application area borders the Vaal River and covers an aerial extent of 858.5825 hectares (ha). However, the overall surface area to be disturbed is only approximately 363.5 ha. The application area extends over three farm portions, namely the (i) Remaining extent (Re), (ii) Remainder of Portion 1 and (iii) Portion 3 of the farm Woodlands 407, and is situated in the Free State Province of South Africa.**

The proposed project entails the establishment of an opencast mine including the development of open pits and associated mining infrastructure situated on the Remaining extent (Re), Remainder of Portion 1 and Portion 3 of the farm Woodlands 407 in the Free State Province. The overall surface area to be disturbed will be approximately 363.5 ha. No documents were submitted with the application.

In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. Therefore, it is incumbent on the developer to ensure that a **Heritage Impact Assessment conducted by a qualified archaeologist** is done prior to any invasive activities. This must include the archaeological component (Phase 1) and any other applicable heritage components.

The Phase 1 Impact Assessment Report will identify the archaeological sites and assess their significance. It should also make recommendations (as indicated in section 38) about the process to be followed. For example, there may need to be a mitigation phase (Phase 2) where the specialist will collect or excavate material and date the site. At the end of the process the heritage authority may give permission for destruction of the sites.

The PalaeoSensitivity Map on SAHRIS (<http://www.sahra.org.za/sahris/map/palaeo>) indicates moderate, high and very high palaeontological sensitivities in the proposed area. Therefore, the SAHRA APM Unit requires a



## Pure Source Mine - Mining Right Application

Our Ref:



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4500 | E: info@sahra.org.za  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
www.sahra.org.za

Enquiries: Ragna Redelstorff  
Tel: +27 (0)21 202 8651  
Email: rredelstorff@sahra.org.za  
CaseID: 12979

Date: Thursday November 08, 2018  
Page No: 2

**field-based Palaeontological Impact Assessment** conducted by a qualified palaeontologist to be submitted to the application prior to any invasive activities.

If the property is very small or disturbed and there is no significant site the heritage specialist may choose to send a letter to the heritage authority to indicate that there is no necessity for any further assessment.

Any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

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

Yours faithfully

---

Ragna Redelstorff  
Heritage Officer  
South African Heritage Resources Agency

---

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

---

## Pure Source Mine - Mining Right Application

Our Ref:



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za  
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Enquiries: Ragna Redelstorff  
Tel: +27 (0)21 202 8651  
Email: rredelstorff@sahra.org.za  
CaseID: 12979

Date: Thursday November 08, 2018

Page No: 3


### ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/513046>  
(, Ref: )

### 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.



For: Mmakoene  
 From: Renee de Jong Hartshep  
 Of:   
 Telephone no.: 071 448 4332

|  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Telephoned | <input type="checkbox"/> Please phone back   | <input type="checkbox"/> Returned your call |
| <input type="checkbox"/> Called to see you     | <input type="checkbox"/> Desires appointment | <input type="checkbox"/> Will phone back    |

Message:

Wanted to know if the FS Rodds Report was received  
and whether the oral comments required during  
the initial public consultation will be made  
available to I&APs.  
Requested that comments be made available before  
the additional public consultation scheduled for the 10th Nov.

Received by: Mmakoene  
 Date & time: 09 November 2018

## Mmakoena

---

**From:** Renee de Jong Hartsliet <renee@bundunet.com>  
**Sent:** Thursday, November 8, 2018 9:33 PM  
**To:** Zizo Siwendu  
**Cc:** Arnold de Beer; Mariette Liefferink; Sampie van Rooyen; mike@thebiodiversitycompany.com; mmakoena@shango.co.za  
**Subject:** Re: FW: Biodiversity response and oral submissions at 24 Oct meeting (FS 30/5/1/2/3/2/1/10048 EM)

Dear Zizo, please confirm that you did receive the report from FS Roads. It was rather large. I will attempt to send you the audio recording of 24th October meeting - also rather large files. Thanks, Renee

On Wed, 07 Nov 2018 at 14:57, Renee de Jong Hartsliet <renee@bundunet.com> wrote:  
Dear Zizo,

Thank you very much for this email and thanks Michael for your detailed response.

Regarding the public meeting held on 24th October: where will the oral comments by attendees like myself, Arnold and Sampie be recorded and incorporated? It seems that they should be available to all IAPs at the upcoming 10th November meeting? You took copious notes and I was fully expecting that some form of written documentation would be forthcoming from you.

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4. "Sense of Place" is problematic for them
5. Mining Charter - because they APPLIED on 24 August, the Charter was Gazetted on 27 September, their report was published 8 November: Therefore, the only provision in the Charter they do NOT have to comply with is mine ownership
6. At first they said there was a Social and Labour Plan available on their website. But then they said it was with DMR and not available to the public
7. Still non-compliant re rehab - other contractors to blame"

I would be happy to send you a link to the recording we made at the meeting. And attached please find the road report that must SURELY be addressed and made public...

Please consider, at the very least, putting our oral comments and your answers from the last meeting on your web site, prior to this Saturday's meeting.

Best regards,  
Renee

Renee de Jong Hartsliet  
[www.facebook.com/TheSavannahAfrica](http://www.facebook.com/TheSavannahAfrica)

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Friday, November 9, 2018 9:29 AM  
**To:** 'Renee de Jong Hartsliet'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: FW: Biodiversity response and oral submissions at 24 Oct meeting (FS 30/5/1/2/3/2/1/10048 EM)

Dear Renee,

Our telephonic discussion refers.

I have received the FS Roads report. Thank you very much.

The oral comments acquired (i) during the initial public consultation and (ii) the additional consultation scheduled for Saturday the 10<sup>th</sup> November 2018, will **both** be incorporated into the Final Scoping Report and made available on the Shango Solutions website for download, in due course, as specified in my previous mail.

Thank you and may you enjoy the weekend ahead.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Renee de Jong Hartsliet [mailto:[renee@bundunet.com](mailto:renee@bundunet.com)]  
**Sent:** Thursday, November 8, 2018 9:33 PM  
Zizo Siwendu  
**Cc:** Arnold de Beer; Mariette Liefferink; Sampie van Rooyen; [mike@thebiodiversitycompany.com](mailto:mike@thebiodiversitycompany.com);  
[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)  
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## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, November 9, 2018 8:07 AM  
**To:** mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za; schimpers1rob@gmail.com  
**Cc:** stefanie@shango.co.za; mmakoena@shango.co.za  
**Subject:** FW: Santana Objection // Pure Source Mine (FS 30/5/1/2/2/10048 MR)

**From:** Solid8 Admin [mailto:sadmin@solid8.co.za]  
**Sent:** 08 November 2018 11:03 PM  
**To:** zizo@shango.co.za  
**Cc:** Allan Santana  
**Subject:** Santana Objection // Pure Source Mine (FS 30/5/1/2/2/10048 MR)

To Whom It May Concern:

We would like to raise our objection, as owners of Plot 2, Pont de Val, Vaal Eden, Parys district, to the intention of Pure Source Mining Operations – owned by the Applicant Monte Cristo Commercial Park (Pty) Ltd – to the application for open cast mining which involves open pits and associated mining infrastructure.

The objection raised by us should be noted on the following grounds:

1. Our property's main purpose is our second dwelling out of Johannesburg to enjoy quiet family time. During our 10 years on our portion of the farm, we have enjoyed our solitude, peace, quiet and nature of the remote location. The remoteness from towns was a prime decision for our investment because we wanted a weekend and holiday escape.
  - a. We are deeply concerned for the safety of our property which is mostly unoccupied during the week, we are as concerned for our safety for when our children and us are alone on the property during the times of occupancy. With the stated increase in temporary and permanent staff needing accommodation on the proposed farm, this would significantly expose our quiet location for unintended associates within your staffing commune. You therefor CANNOT guarantee the safety of our property, staff or family.
  - b. The associated noise pollution that will be part of the mining operation would be unacceptable. Based on previous experience, your own clearing and machinery in preparation of the site (which has started) has continued till late at night and over weekends. This may or may not be with your consent – however we have witnessed this to be the case.
  - c. The natural environment i.e. bird life, mammal and reptile species have already been impacted by the current mining operations and will continue to dwindle and eradicated with continued mining activity.
2. Water supply –
  - a. Our main water supply is from our borehole which has been tested and is of the cleanest and purest quality. Our main concern is the impact on our water source that over time – will contaminate this water source.
  - b. The natural runoff of mining activity and any additional contamination by other sources such as effluent into the Vaal river is also of grave concern. The Vaal river is a key water resource and with the high consumption of water required for your mining activity – we are completely opposed to pumping from or into the river system which is inevitable despite many assurances that this would not be the case
3. The road usage –
  - a. The current road infrastructure of the main road S171 is in complete disrepair due to the amount of heavy-duty trucks. The road is simply not suitable for the heavy equipment and heavily loaded vehicles

- it is a rural road designed for minimal traffic and certainly not for the loaded capacity of trucks that will constantly be on this road.
- b. It is also our concern that the unsafe driving practices of your trucks will still cause a fatality – will this only be the point at which local government/department of mineral resources steps in?? When one of our community has borne the brunt of greed?

We request that this process be completely halted and that our rights as owners and peace-loving community members be put first.

Regards,

Simone and Allan Santana  
083 200 5009 & 083 326 1242

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, November 19, 2018 2:58 PM  
**To:** 'simone@solid8.co.za'; 'santana.allan@hotmail.com'  
**Cc:** 'Zizo Siwendu'; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: Santana Objection // Pure Source Mine (FS 30/5/1/2/2/10048 MR)

Dear Simone,

Please see our responses in red.

To Whom It May Concern:

We would like to raise our objection, as owners of Plot 2, Pont de Val, Vaal Eden, Parys district, to the intention of Pure Source Mining Operations – owned by the Applicant Monte Cristo Commercial Park (Pty) Ltd – to the application for open cast mining which involves open pits and associated mining infrastructure.

Your objection to the proposed Pure Source Mine is noted.

The objection raised by us should be noted on the following grounds:

1. Our property's main purpose is our second dwelling out of Johannesburg to enjoy quiet family time. During our 10 years on our portion of the farm, we have enjoyed our solitude, peace, quiet and nature of the remote location. The remoteness from towns was a prime decision for our investment because we wanted a weekend and holiday escape.
  - a. We are deeply concerned for the safety of our property which is mostly unoccupied during the week, we are as concerned for our safety for when our children and us are alone on the property during the times of occupancy. With the stated increase in temporary and permanent staff needing accommodation on the proposed farm, this would significantly expose our quiet location for unintended associates within your staffing commune. You therefor CANNOT guarantee the safety of our property, staff or family. Noted. Based on the Socio-Economic Impact Assessment, it is understood that an influx of workers and jobseekers to an area (whether locals are employed, or outsiders are employed) could increase the safety risks in the local area and have an impact on the local social dynamics. Where possible, the Applicant will source local labour within the surrounding townships. As such, there won't be a need for labourers to relocate to site. Labourers will be transported to and from site on a daily basis. Should locals be employed, it could minimise the perceived and actual risk in this regard. According to the Social and Labour Plan, Pure Source Mine will facilitate suitable employee accommodation that will allow employees to reside in a stable, healthy and secure environment within commuting distance from their place of work.
  - b. The associated noise pollution that will be part of the mining operation would be unacceptable. Based on previous experience, your own clearing and machinery in preparation of the site (which has started) has continued till late at night and over weekends. This may or may not be with your consent – however we have witnessed this to be the case.  
According to the Noise Baseline Assessment, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. The following mitigation measures have been recommended in order to minimise noise impacts:
    - Maintain vehicles and equipment in good working order.
    - Provide noise berms where possible between activities and receptors.
    - Conduct noise monitoring in response to noise complaints.



No mining operations are currently taking place as the Applicant is still in the process of applying for a Mining Right. Rehabilitation of the previously mined areas (under mining permits) is currently underway.

The planned working hours for the proposed Pure Source Mine are as follows:

- For mining activities, a 5.5 day work week with a 2 shift system is proposed. Operating hours would be from 06:00 to 18:00. For diamond sorting, a 6 day work week with a 2 shift system, operating 24 hours a day. However, the 24 hour shift for diamond sorting will be reconsidered during the Environmental Impact Assessment (EIA) phase.

- c. The natural environment i.e. bird life, mammal and reptile species have already been impacted by the current mining operations and will continue to dwindle and eradicated with continued mining activity. Your comment is noted. Based on the terrestrial biodiversity assessment undertaken in support of this application, open pit mining and site clearance for infrastructure and associated access roads may result in the loss of habitat for species of conservation concern as well as the displacement, direct mortalities and disturbance of the faunal community. The biodiversity specialist has recommended mitigation measures to minimise impacts on fauna, which include, but a not limited to, (i) avoiding high biodiversity sensitivity areas and complying with prescribed buffer zones as well as (ii) implementing training to ensure that all staff are aware of faunal sensitivity.

## 2. Water supply –

- a. Our main water supply is from our borehole which has been tested and is of the cleanest and purest quality. Our main concern is the impact on our water source that over time – will contaminate this water source.

Noted. According to the Groundwater assessment, potential impacts on groundwater anticipated during the operational phase include (i) a decline in water quality due to excavation of the sand and the wash plant facility as well as (ii) potential contamination of aquifers as a result of hydrocarbon spillage. The groundwater sampled on-site currently shows no negative impacts associated with the historical mining activities on the Farm Goosebay or at the neighbouring sand mine operations.

- b. The natural runoff of mining activity and any additional contamination by other sources such as effluent into the Vaal river is also of grave concern. The Vaal river is a key water resource and with the high consumption of water required for your mining activity – we are completely opposed to pumping from or into the river system which is inevitable despite many assurances that this would not be the case. Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. No untreated waste water and/or effluent will be discharged into the Vaal River as it will be managed in a closed system wherein contact water will be separated from non-contact water as per the Requirements of the National Environmental Management Act (NEMA). Water utilised during the sand washing process will be recycled back to the wash plant for re-use.

## 3. The road usage –

- a. The current road infrastructure of the main road S171 is in complete disrepair due to the amount of heavy-duty trucks. The road is simply not suitable for the heavy equipment and heavily loaded vehicles – it is a rural road designed for minimal traffic and certainly not for the loaded capacity of trucks that will constantly be on this road.

Based on the Traffic Impact Assessment, the proposed Pure Source Mine will be accessed by means of an existing farm access road from road S171. A visual investigation of the relevant section of the road S171 was undertaken as part of the traffic assessment. According to the investigation, the road surface of S171 is in a poor condition with multiple potholes. It is anticipated that the proposed mining development would add a significant number of heavy vehicle trips onto the relevant roads network, particularly road S171. It is understood that the additional anticipated heavy vehicle trips would result in further deterioration of this road. In order to avoid further deterioration, it is recommended that (i) a Roads Maintenance Plan, inclusive of upgrades, be prepared and that (ii) a pavement design specialist be commissioned to investigate the condition of the roadway layers in order to identify any collapsing and deterioration of the roadway layers.

- b. It is also our concern that the unsafe driving practices of your trucks will still cause a fatality – will this only be the point at which local government/department of mineral resources steps in?? When one of our community has borne the brunt of greed?

Your concern is duly noted. The following mitigation measures have been recommended in order to ensure road safety:

- Construct safe access points/intersections.
- Educate employees (temporary and permanent) about road safety.
- Enforce strict vehicle speeds.
- If a person or animal is injured by traffic activities, an emergency response procedure must be implemented.

We request that this process be completely halted and that our rights as owners and peace-loving community members be put first.

Your request is noted and will be included in the Issues and Responses Report to be submitted to the Competent Authority for their decision-making.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoenana Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:zizo@shango.co.za]

**Sent:** Friday, November 9, 2018 8:07 AM

**To:** mark@vldc.co.za; michael@vldc.co.za; info@vldc.co.za; mader@skets.co.za; schimpers1rob@gmail.com

**Cc:** stefanie@shango.co.za; mmakoenana@shango.co.za

**Subject:** FW: Santana Objection // Pure Source Mine (FS 30/5/1/2/2/10048 MR)

**From:** Solid8 Admin [mailto:sadmin@solid8.co.za]

**Sent:** 08 November 2018 11:03 PM

**To:** zizo@shango.co.za

**Cc:** Allan Santana

**Subject:** Santana Objection // Pure Source Mine (FS 30/5/1/2/2/10048 MR)

To Whom It May Concern:

We would like to raise our objection, as owners of Plot 2, Pont de Val, Vaal Eden, Parys district, to the intention of Pure Source Mining Operations – owned by the Applicant Monte Cristo Commercial Park (Pty) Ltd – to the application for open cast mining which involves open pits and associated mining infrastructure.

The objection raised by us should be noted on the following grounds:

1. Our property's main purpose is our second dwelling out of Johannesburg to enjoy quiet family time. During our 10 years on our portion of the farm, we have enjoyed our solitude, peace, quiet and nature of the remote location. The remoteness from towns was a prime decision for our investment because we wanted a weekend and holiday escape.

## Mmakoena

---

**From:** Marianne Bilsland <marianne@fixeng.co.za>  
**Sent:** Friday, November 9, 2018 11:02 AM  
**To:** Mmakoena  
**Cc:** zizo@shango.co.za; Gavin Aboud  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day Mmakoena

My response to your replies is noted below: **[MB]**

I will be attending the public participation meeting tomorrow, 10<sup>th</sup> November 2018, and trust that the objections resulting from the meeting will be incorporated even though you have stated that comments are to be received no later than 9<sup>th</sup> November 2018.

I also take note that in your notification dtd 5<sup>th</sup> October 2018, you have not supplied an email address or for contact at the Department of Mineral Resources for submissions of comments and concerns.

I trust that my concerns and objections will therefore be forwarded in their entirety to the relevant contact at the department.

Regards

Marianne Bilsland

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, 08 November 2018 3:39 PM  
**To:** Marianne Bilsland <marianne@fixeng.co.za>  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Marianne,

Thank you for your mail.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

1. I am an owner in Vaaloewer and will be directly impacted in many negative instances by any mining activities that are proposed with this application.  
Noted.
2. Are you aware of any communities existing within the application area? Provide detail and possible contact details.  
There are many communities that will be affected. Details and contact details are available as per previous applications.  
Noted.
3. Are you aware of any tribal authorities within, or affected by, the proposed application?  
I am not qualified to comment on this and this should form part of the due diligence by Shango Solutions.  
Noted.
4. Are you aware of any other I&APs who need to be notified? Please provide their contact details.  
This should form part of the due diligence by Shango Solutions.  
Noted.

5. Please provide a description of receiving environment.

This should form part of the due diligence by Shango Solutions.

Noted.

6. Are you aware of any ;and developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Not qualified to comment. This should form part of the due diligence by Shango Solutions.

Noted.

7. Are you aware of any cultural or heritage features within the application area and surrounds:

This should form part of the due diligence by Shango Solutions as I am not qualified to comment.

Noted.

8. Please describe any biophysical and/or socio-economic impact that you believe should be considered during the study.

Including by not limited to:

- o Environment that will be harmful to my health and well-being.
- o Depreciation of my property value.
- o Negative influence on tourism.

- o In order to assess the potential impacts on existing property values, the property context surrounding the site was first considered by the economic specialist. Secondly, the results of the other specialist studies were scrutinised for information on impacts that could lead to welfare changes reflected in property value effects. The key potential sources of negative impacts on property values are visual, air quality, noise and biodiversity impacts. The Economic Impact Assessment states that property values in any given area are significantly driven by demand for housing, which in turn, is directly linked to economic opportunities and jobs in the area. **[MB]** This statement is unacceptable and not valid. The community of Vaaloewer is situated on the opposite bank of the Vaal River with no direct access to the proposed mine. The informal housing settlement adjacent to Vaaloewer also has no direct access to the mine. I can therefore see no improved economic value to the residents of Vaaloewer and the residents of the informal housing settlement. As I am not been privy to the Economic impact Assessment, I question whether the study has actually taken the negative economic aspects into consideration.

- o **[MB]** Point 9.1 of your report estimates a maximum of 48-50 full time employees; I cannot see how this can offer 'economic opportunities and jobs in the area' if the residents of Vaaloewer and the informal housing settlement have no direct access to the mine.

- o **[MB]** Point 9.2 states that "Pure Source Mine will facilitate suitable employee accommodation that will allow employees to reside in a stable, healthy and secure environment within commuting distance from their place of work". What details, if any, are available re this point?

- o The project therefore has the potential to increase demand and associated values for housing and property. **[MB]** This comment is untrue. Property values have decreased and a major contribution to this is the imminent prospect of mining activities in close proximity to Vaaloewer albeit across the river. The village of Vaaloewer is not situated close to the Vanderbylpark, Sasolburg or Parys metropolis and the majority of residents owning property in Vaaloewer have chosen Vaaloewer to enjoy the quiet country living currently on offer. No one in their right mind is going to purchase property in Vaaloewer knowing that the current equilibrium will change because of mining activity.

- o The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, noise, water quality and social measures) and enhance positive impacts would reduce impacts on property values**[MB]** The visual landscape has already changed negatively.

- o According to the Economic impact Assessment, visual, air quality, noise and water quality impacts combined with the loss of biodiversity are likely to be the key concerns for tourism. Sources of positive impacts would stem from increased potential for business-related visitors. The measures recommended in other specialist studies to minimise negative impacts (primarily visual, air quality, noise, water quality, biodiversity, rehabilitation and social measures) and enhance positive impacts would also reduce impacts on tourism. **[MB]** The visual landscape has already changed negatively with no effort being shown to rehabilitate. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks. **[MB]** how will this be policed and ensured?

9. Please describe any measures you believe should be implemented to mitigate, manage, avoid or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.

As I am a home owner that will be affected negatively by any mining activity due to the close proximity of my home. The only measure that should be taken is no mining activity whatsoever.

Your suggestion is noted.

10. Do you have any specific concerns or objections to the proposed project?

I have multiple concerns, least of which is that a pump house will be operational, creating unacceptable noise pollution approximately 200 m from my property.

According to the Noise Baseline Assessment, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. **[MB]** The current owner has previously pumped water from the river resulting in unacceptable noise. I reiterate that currently I have minimal noise levels and the combined noise from excavating equipment, earthmoving equipment, crushing and screening plants, pump station, transport trucks, etc will increase noise levels exponentially

Mitigation measures were recommended to reduce noise impacts. **[MB]** how will this be policed and ensured?

**[MB]** Your application makes no reference to the working hours of the mine.

**[MB]** Excavators, Loaders and Trucks will operate and idle continuously and the resultant pollution and smell of fuel fumes will have a negative impact on ambient air quality and in turn will affect me.

**[MB]** The very nature of the mining proposed will incur dust, yet no mention is made in your application of how this will be controlled and minimised.

General comments:

Addendum to 'Interested and Affected Party Registration Form'

FS 30/5/1/2/2/10048 EM

I refer to information received from Shango Solutions via email on 09/10/2019. I am not able to comment or verify a large portion of the document as it refers to legalese, acts and mining rights that, as a layman, I am not in a position to interpret or confirm. My property and my wellbeing will be directly affected by the proposed mining operation with regard to, but not limited to, the following information taken from the background information document: 'Application reference number: FS 30/5/1/2/2/10042 MR Goosebay Farm (Pty) Ltd Ltd (wholly owned by the Van Wyk Land Development Corporation ) Ltd "VLDC" Group was withdrawn and then resubmitted as Monte Crisco Commercial Park (Pty) Ltd (wholly owned by the VLDC Group – to be empowered according to BEE requirements) reference number: FS 30/5/1/2/2/10048 MR.'

My personal view is that the above smacks of window dressing and I view the new application with utmost suspicion. A reason for the previous application being withdrawn is noted in the BID as: 'Unprecedented number of objections from I&APs due to the sensitivity of the mining footprint.' I fail to see what has significantly changed in the mining footprint which could possibly warrant a new application.

In addition to the above, a new application was warranted due to the (i) change of the Applicant in order to fulfil the Broad-Based Black Economic Empowerment requirements, (ii) change of the Environmental Assessment Practitioner, (iii) pre-application meeting with the Department of Water and Sanitation to determine a new mining footprint with minimal risks to water resources and (iv) meeting with the Local Municipality to align the associated Social and Labour Plan with the relevant Local Economic Development projects. The mining footprint has been reduced significantly due to the environmental sensitivities that were identified on site during the Scoping phase. Additional and more in-depth specialist studies will be carried out during the EIA phase. Depending on the outcome of these detailed studies, the mining footprint may be further reduced to avoid any additional environmental sensitivities, which may be identified on-site.

My property is situated on the Vaal River and was purchased solely for the peace and tranquility that the area offered. This particular stretch of the river allows me to enjoy the quietness of country living and experience the abundant birdlife, fish and animal life of the habitat that is associated with the river. Water sport activity on the river is controlled and infrequent and I was fully aware that there would be water activity on the river when my property was purchased. Traffic noise is less than minimal. At the time of purchasing my property, there was no sign of mining activity. The proposed mining activity will cause noise pollution through the presence of noise generating infrastructure and activities. Due to the non-urban configuration of the area, noise travels far distances and will not be contained in the area demarcated for mining.

Kindly refer to point 10. **[MB]** Your response has flippantly ignored the human aspect of my objection. In addition, the owner of the land planned an eco-estate in 2008 and I find it incongruous that the land is now being mooted for mining as opposed to an eco estate. My question is what factors were used to market an eco estate which are now being disregarded in favour of mining?

I object to the amount of time and effort to which I am subjected, in order to protect my rights.

Noted.

Section 2(h) of the MPRDA, refers to the over-riding requirement for the application to be consistent with Section 24 of the Constitution, and which states: "Everyone has the right –(a) to an environment that is not harmful to their health or well-being; and (b) to have the environment protected, for the benefit of present and future generations, through reasonable legislative and other measures that – (i) prevent pollution and ecological degradation; (ii) promote conservation; and (iii) secure ecologically sustainable development and use of natural resources while promoting justifiable economic and social development."

I am of the opinion that in terms of the above, my rights are being violated and I am therefore opposing the mining application in the strongest possible manner.

Your opinion and objection to the above mentioned project are noted.

Mining is important for economic development, **[MB]** The well being of the human psyche is more important for economic development as it has far reaching effects on all aspects of economic development for the country.

to construct durable, modern structures, employment creation and revenue collection. The proposed site has previous sand mining activities, known to provide good quality silica sand to the local building industry. This type of sand is commonly utilised for cement and concrete in the construction of roads and buildings. Sand is also used for mortar and rendering of plastered walls. The project site is located in the Ngwathe Local Municipality, and according to the municipality's Integrated Development Plan (2018-19), mining activities in the region are restricted, but are not limited, to the following:

- Gravel obtained from open cast pits for construction or road building purposes.
- Sand winning along the Vaal River (Parys vicinity).

- Alluvial diamonds in isolated locations of the Vaal River riparian.

Mining these products will ensure that no valuable mineral resources are sterilised and that the benefits of the resources available in the area are maximised.

Should you have any further queries in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

**From:** Marianne Bilsland [<mailto:marianne@fixeng.co.za>]

**Sent:** Friday, October 12, 2018 2:06 PM

**To:** Mmakoena

; [zizo@shango.co.za](mailto:zizo@shango.co.za); [jochen@shango.co.za](mailto:jochen@shango.co.za); [stefanie@shango.co.za](mailto:stefanie@shango.co.za)

**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day

Registration as an I&AP attached.

Kindly confirm receipt

Regards

M Bilsland (Ms)

**From:** Mmakoena <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)>

**Sent:** Friday, 05 October 2018 4:43 PM

**Cc:** [zizo@shango.co.za](mailto:zizo@shango.co.za); [jochen@shango.co.za](mailto:jochen@shango.co.za); [stefanie@shango.co.za](mailto:stefanie@shango.co.za)

**Subject:** Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Hear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith notification (provided in English, Afrikaans and Sesotho) regarding a Mining Right application as well as the availability of the draft Scoping Report and details of the Open Day.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 5, 2018 12:34 PM  
**To:** 'marianne@fixeng.co.za'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)  
**Attachments:** Appendix F16-Economic Impact Assessment.pdf

Dear Marianne,

Thank you for your mail.

Oral comments acquired during the additional public consultation as well as written comments received from Interested and Affected Parties (I&APs) prior to the finalisation of the Final Scoping Report will be incorporated into the Issues and Response Report (an appendix to the Final Scoping Report,) which will be submitted to the Department of Mineral Resources.

The Department of Mineral Resource's telephone number was included in the initial notification sent out to I&APs. A case officer had not been assigned for this project at the time of distribution of the initial notification to I&APs. The contact details of the case officer for this project are provided the below:

Mashudu Mulaudzi  
Mineral Regulation  
Tel : 057 391 1386  
Email : Mashudu.Mulaudzi@dmr.gov.za

Please see our responses in red.

This statement is unacceptable and not valid. The community of Vaaloewer is situated on the opposite bank of the Vaal River with no direct access to the proposed mine. The informal housing settlement adjacent to Vaaloewer also has no direct access to the mine. I can therefore see no improved economic value to the residents of Vaaloewer and the residents of the informal housing settlement. As I am not been privy to the Economic Impact Assessment, I question whether the study has actually taken the negative economic aspects into consideration.

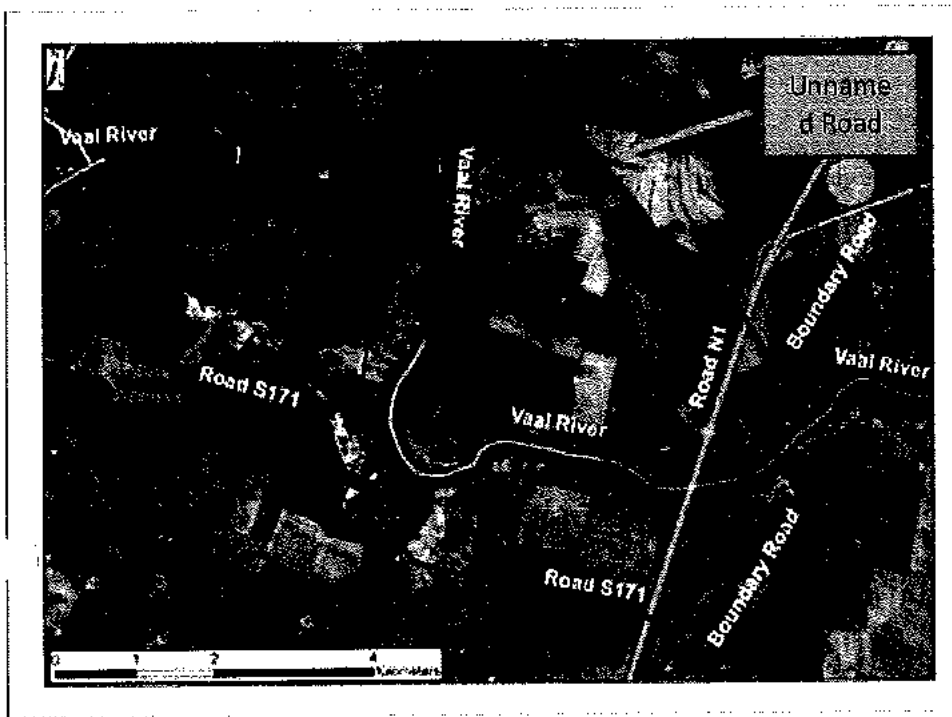
Please find attached the Economic Impact Assessment undertaken in support of this application. In my previous mail to you I specified that the key potential sources of negative impacts on property values are visual, air quality, noise and biodiversity impacts. These negative impacts are discussed in the report attached. Furthermore, a more detailed assessment will be undertaken during the Environmental Impact Assessment (EIA) Phase.

Should the Mining Right be granted by the Department of Mineral Resources (DMR), the Applicant and contractors will source local labour. May you kindly elaborate how not having direct access to the mine will not result in improved economic value to the residents of Vaaloewer and the informal housing settlement?

Point 9.1 of your report estimates a maximum of 48-50 full time employees; I cannot see how this can offer 'economic opportunities and jobs in the area' if the residents of Vaaloewer and the informal housing settlement have no direct access to the mine.

It is our understanding that people who will have access to the mine will be the staff. May you kindly elaborate on why residents of Vaaloewer and residents of the informal housing settlement who do not constitute the labour force, would want to have access to the mine? Nonetheless, the mine can be accessed from Vaaloewer via Potchefstroom Road, onto

the unnamed road (indicated on the map below), onto Boundary Road (locally known as Barrage Road), travelling west on the S171.



Point 9.2 states that "Pure Source Mine will facilitate suitable employee accommodation that will allow employees to reside in a stable, healthy and secure environment within commuting distance from their place of work". What details, if any, are available re this point?

No further details are available at this point. Details will be made available during the Environmental Impact Assessment (EIA) Phase of this project.

This comment is untrue. Property values have decreased and a major contribution to this is the imminent prospect of mining activities in close proximity to Vaaloewer albeit across the river. The village of Vaaloewer is not situated close to the Vanderbylpark, Sasolburg or Parys metropolis and the majority of residents owning property in Vaaloewer have chosen Vaaloewer to enjoy the quiet country living currently on offer. No one in their right mind is going to purchase property in Vaaloewer knowing that the current equilibrium will change because of mining activity.

is the assessment of a qualified Economic specialist. May you kindly furnish us with proof indicating the decrease in property values?

The visual landscape has already changed negatively with no effort being shown to rehabilitate. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks. How will this be policed and ensured?

According to Goosebay Farm (Pty) Ltd, rehabilitation of the relevant previously mined areas, has:

- Achieved an advanced stage, in that:
  - Bulk Earthworks and Fine Grading are virtually complete.
  - Planting and re-seeding of affected areas is underway.
  - The entire process is being monitored by an independent consultant, and conducted in accordance with his advice.



- Been conducted in strict accordance with the directions of the DMR, in record time, pursuant to a visit to the Mine by DMR Officials (including the Regional Manager DMR Welkom - Mr A Mulaudzi), on the 12th of August 2018.

Should you require any further guidance with regards to this issue, please contact the DMR.

Based on the Financial Provision Regulations, an Applicant or Holder of a permit or right must determine and make financial provision to guarantee the availability of sufficient funds for the rehabilitation and remediation of adverse environmental impacts to the satisfaction of the Minister responsible for Mineral Resources. As such, an amount will be set aside for rehabilitation and closure for this project. A permit or right can only be granted once the Applicant makes the legal financial deposit. Kindly note that this legal financial deposit will be retained by the Competent Authority as guarantee as opposed to being utilised for rehabilitation. Should the Applicant successfully rehabilitate the land and obtain a Closure Certificate over the Mining Right area, then the Applicant will reclaim the legal financial deposit made prior to granting of the right by the Competent Authority. However, should the Applicant not rehabilitate the Mining Right area, then the Applicant stands to forfeit this legal financial deposit.

Kindly note that enforcement is the responsibility of the DMR.

The visual landscape has already changed negatively.  
Your comment is noted.

*According to the Noise Baseline Assessment, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. [MB] The current owner has previously pumped water from the river resulting in unacceptable noise. I reiterate that currently I have minimal noise levels and the combined noise from excavating equipment, earthmoving equipment, crushing and screening plants, pump station, transport trucks, etc will increase noise levels exponentially. Mitigation measures were recommended to reduce noise impacts. [MB] how will this be policed and ensured?*

Mitigation measures have been recommended to minimise noise impacts. Additional mitigation measures will be provided in the Environmental Management Programme during the EIA Phase of this project. Enforcement is the responsibility of the DMR.

Your application makes no reference to the working hours of the mine.

Section 8.2.2 of the draft Scoping Report refers:

For mining activities, a 5.5 day work week with a 2 shift system. Operating hours would be from 06:00 to 18:00. For diamond sorting, a 6 day work week with a 2 shift system, operating 24 hours a day. However, the 24 hour shift for diamond sorting will be reconsidered during the EIA phase.

Excavators, Loaders and Trucks will operate and idle continuously and the resultant pollution and smell of fuel fumes will have a negative impact on ambient air quality and in turn will affect me. The very nature of the mining proposed will incur dust, yet no mention is made in your application of how this will be controlled and minimised.

Ambient particulate and gaseous concentrations due to the proposed mining operations will be assessed in the Air Quality Impact Assessment, during the EIA Phase of this project in order to determine their impacts in human health.

In order to minimise impacts due to dust, mitigation measures such as (i) limiting disturbed areas and (ii) effective dust suppression have been proposed. Additional mitigation measures will be recommended in the Environmental Management Programme during the EIA Phase of this project.

Your response has flippantly ignored the human aspect of my objection. In addition, the owner of the land planned an eco-estate in 2008 and I find it incongruous that the land is now being mooted for mining as opposed to an eco estate. My question is what factors were used to market an eco estate which are now being disregarded in favour of mining?

The process to obtain the necessary Environmental Authorisation was initiated more than a decade ago (thus confirming the landowner's intentions in this regard). The environmental authorities were approached in terms of the relevant legislation. The Record of Decision (RoD) confirming the Environmental Authorisation was accordingly issued in 2011. Mining is an interim land use.

The well-being of the human psyche is more important for economic development as it has far reaching effects on all aspects of economic development for the country.

Your view is noted.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



+27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
+27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Marianne Bilslund [mailto:marianne@fixeng.co.za]

**Sent:** Friday, November 9, 2018 11:02 AM

**To:** Mmakoena

**Cc:** zizo@shango.co.za; Gavin Aboud

**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Good day Mmakoena

My response to your replies is noted below: **[MB]**

I will be attending the public participation meeting tomorrow, 10<sup>th</sup> November 2018, and trust that the objections resulting from the meeting will be incorporated even though you have stated that comments are to be received no later than 9<sup>th</sup> November 2018.

I also take note that in your notification dtd 5<sup>th</sup> October 2018, you have not supplied an email address or for contact at Department of Mineral Resources for submissions of comments and concerns.

I trust that my concerns and objections will therefore be forwarded in their entirety to the relevant contact at the department.

Regards

Marianne Bilslund

**From:** Mmakoena <mmakoena@shango.co.za>

**Sent:** Thursday, 08 November 2018 3:39 PM

**To:** Marianne Bilslund <marianne@fixeng.co.za>

**Cc:** zizo@shango.co.za

**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Marianne,

Thank you for your mail.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Friday, November 9, 2018 2:44 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Pure Sourse Mine  
**Attachments:** image001.jpg; SKM\_C454e18110911500.pdf

Best regards,  
Zizo Siwendu.



[t] +27 11 678 6504 [w] www.shango.co.za  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** PostNet Vaal Mall [mailto:vaalmail@postnet.co.za]  
**Sent:** 09 November 2018 01:33 PM  
**To:** zizo@shango.co.za  
**Subject:** Pure Sourse Mine

--  
*For a greener planet do not print this email unless necessary.*

A promotional advertisement for PostNet Courier. The top part features the PostNet logo with a square icon containing the number '2'. Below the logo, the text reads "Send a gift this festive season to that special person for as little as...". The main offer is "R99 Up to 5kg Countrywide" in large, bold letters, with "Incl. Vat" written in smaller text below the "R99". To the right of the price, it says "Delivery within 2 - 3 working days.\*" and "Over 360 locations." Below this, there is a photograph of two children, a girl and a boy, both wearing Santa hats and holding wrapped gifts. At the bottom right of the advertisement, the "POSTNET Courier" logo is displayed. At the bottom left, there is a small disclaimer: "\*Please allow 1 extra delivery day for outlying areas. Maximum Actual Weight: 15kg. Maximum Volumetric Weight: 15kg. Chargeable Weight is Actual or Volumetric, whichever is the greater. Terms and Conditions Apply".

**POSTNET 2 POSTNET**

Send a gift this festive season to  
that special person for as little as...

**R99** Up to 5kg Countrywide  
Incl. Vat Delivery within 2 - 3 working days.\*  
Over 360 locations.

**POSTNET Courier**

\*Please allow 1 extra delivery day for outlying areas.  
Maximum Actual Weight: 15kg. Maximum Volumetric Weight: 15kg.  
Chargeable Weight is Actual or Volumetric, whichever is the greater. Terms and Conditions Apply

*Please note this email may be subject to customer use.*

# Projectname Pure Source Mine

## INTERESTED AND AFFECTED PARTY REGISTRATION FORM

(Shango Solutions)

### PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                         |                |   |
|--|-------------------------|----------------|---|
| Name                                   | WHR GERSTELING          | EAP            | Shango Solutions                          |
| Address                                | 228 Farm De Pont        | Contact person | Ms Zizo Siwendu                           |
|  | Subdev. 3               | Address        | P.O Box 2591                              |
|  | Parys                   |                | Crestia                                   |
|  |                         |                | 2118                                      |
| Landowner/Lawful occupier/Organisation | WHR Gersteling.         | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 0845808877              | Tel no.        | 011 678 6504                              |
| Email                                  | appsprincipal@gmail.com | Email          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

2,2107 hectare agricultural land with house situated close to Goose Bay.

Please state your interest in the proposed project (you are welcome to add additional pages if required):

That mining should not take place

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Yes I stay permanently at 228 Farm de Pont that are less than 2km from Goose Bay.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes other residential owners Mr and Mrs Burger Farm De Pont 228 Subdev 16, Mr and Mrs Phytides 228 Farm De Pont Subdev 1, Mr and Mrs Santana, Farm de Pont Subdev 2 Mr and Mrs Hannelom Vaal Eden.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

No although Goose Bay is situated in the Vrededorst dome and the Vrededorst dome forms part of one of the top heritage sites in the world.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Department on Environmental affairs, Wildlife Trust, [www.fauna-flora.org](http://www.fauna-flora.org), [www.conservationconnected.co.za](http://www.conservationconnected.co.za)

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

More than 200 species of birdlife is found in this area. A huge variety of reptiles are found in this area who lives here. More than 50 species of small mammals are living in this habitat. Most of these birds and animals stays in their territory. Farmers farm with Mielies and cattle and Sheep.

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

yes, The properties 225 Farm de Pont Subdiv 5 and 6 are for sale.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Yes this land is part of a heritage site. (Vredefort Dome)

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Microscopic organisms, animals and birds live in the environment of Goose Bay and surrounded areas  
Socio-economic facts of this environment is for agricultural purposes and not mining.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Any activity of mining should not take place.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

yes. Nature ~~are~~ is destroyed. Mining will carry on for 30 years. When winds blow dust coming from the mines are causing a health risk. Our children can not enjoy riding a bicycle for example because of dangerous trucks that I drives dangerously on the public road. The residences of this community are not safe.

General Comments:

I made a choice by buying land at 225 Farm de Pont Subdiv 3 to give my family a different kind of life. They have the opportunity to enjoy the country/farm life and nature. I also have offered my life to build a house and develop my land as an investment. Currently with all the mining activities taking place the lives of my family has changed. The noise coming from the mines are very loud. We do not hear or see all the animals and birds who lived in this habitat. The windy storms that we often get is terrible. We stay in a cloud of dust and it influence our health.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed.....Name.....Date.....

The trucks using the road is a danger to all who uses the road.

They drive very fast and do not adhere to the road rules.

My family and myself also do not feel safe living near the mines.

# Projectname Pure Source Mine

## INTERESTED AND AFFECTED PARTY REGISTRATION FORM

(Shango Solutions)

### PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                  |                |  |
|--|------------------|----------------|--|
| Name                                   | Sete Maeira      | EAP            | Shango Solutions                         |
| Address                                | 229 Farm De Pont | Contact person | Ms Zizo Siwendu                          |
|  | Subdiv 3         | Address        | P.O Box 2591                             |
|  |                  |                | Cresta                                   |
|  |                  |                | 2118                                     |
| Landowner/Lawful occupier/Organisation | ///              | Project        | Pure Source Mine (FS 30/5/12/2/10048 MR) |
| Tel or Cell no.                        | 078 418 6201     | Tel no.        | 011 678 6504                             |
| Email                                  | -                | Email          | zizo@shango.co.za                        |

Organisation and/or property description (if landowner/ lawful occupier)

22 hectar plot

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Mining should not take place.

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

No. I stay during the week and work on the plot

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

yes. Family Phytides, Santana, Burger all living on farm de Pont. Mr and Mrs Burger and Mr and Mrs Hannekom Veal Eden.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

No.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Dept of Environmental affairs. Fauna and Flora

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Mielies and vegetables are planted each year  
Farmers have cattle and sheep  
Many animals live in this environment  
Lots of birds live in this environment

Are you aware of any (and developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

yes. Properties around the plot where I work is for sale.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

The Vredefort Dome is a heritage site.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Many animals live in this environment  
People farm with Mielies vegetables and cattle.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

No mining must take place

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

The sand is to much. When the wind blows my chest pains. I dont want to be near the mines.

General Comments:

The noise start from before 05:00 in the morning because many trucks will come. During the day many trucks will come. The heavy duty machines makes lots of noise. Where must all the animals and birds go. Dust from the mine is a health risk for me.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed... S. Mgcina Name... SETE MGCINA Date... 08/11/2018



# Projectname Pure source Mine

## INTERESTED AND AFFECTED PARTY REGISTRATION FORM

*Shango Solutions*

### PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                  |                |   |
|--|------------------|----------------|---|
| Name                                   | Maria Mthunazi   | EAP            | Shango Solutions                          |
| Address                                | 228 Farm De Pont | Contact person | Ms Zizo Siwendu                           |
|  | Subdiv 3         | Address        | P.O Box 2591                              |
|  | Parys            |                | Cresta                                    |
|  |                  |                | 2118                                      |
| Landowner/Lawful occupier/Organisation | //               | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 0735614856       | Tel no.        | 011 678 6504                              |
| Email                                  | -                | Email          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

2,2 hectar plot

Please state your interest in the proposed project (you are welcome to add additional pages if required):

The mining should not take place

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

No I work from Monday - Friday at Farm de Pont 228 Subdiv 3 Some weekend as well

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes Mr and Mrs Phytides, Santana, Burger and Hannekom.

All live on Farm de Pont Voal Eder

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

No

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Dept of Environmental affairs

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Farmers farm with Mielies, Cattle and sheep.

This is the country side. Many beautiful animals live here.

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Properties around us are for sale

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

The Vredefort Dome is a heritage site

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Animals live in the environment  
Farmers farm with cattle and sheep.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Mining must not take place

STOP any Mining.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

The cloud of sand is terrible when the wind blows.  
The forries are coming and they are dangerous.

General Comments:

The noise is terrible. When Goose Bay mined with the sand the sound was loud. On windy days I can not breathe properly. My chest pain.  
We see less birds and animals.  
The grasslands are also gone.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed MCh Name MARIA MKHWANAZ Date 08/11/2018

# Project Pure Source Mine

## INTERESTED AND AFFECTED PARTY REGISTRATION FORM

*Shango Solutions*

### PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                         |                |  |
|--|-------------------------|----------------|--|
| Name                                   | Madelein GERSTELING     | EAP            | Shango Solutions                             |
| Address                                | 228 Farm De Pont        | Contact person | Ms Zizo Siwendu                              |
|  | Subdiv 3 Potys          | Address        | P.O Box 2581                                 |
|  |                         |                | Cresta                                       |
|  |                         |                | 2118   |
| Landowner/Lawful occupier/Organisation | Yes                     | Project        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 084 580 8855            | Tel no.        | 011 678 6504                                 |
| Email                                  | appsprincipal@gmail.com | Email          | zizo@shango.co.za                            |

Organisation and/or property description  
(if landowner/ lawful occupier)

2,2 hectar plot.  
agricultural land.

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Mining shouldn't take place.

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

I stay with my husband and daughter on 228 Farm de Pont subdiv 3. The deed is on my husbands name.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes their 5 (wife) families that stay on the Farm De Pont. Some only come on weekends.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

The Gerstelings and Burgers stays permanently. All of the owners have ~~work~~ employees who works for them

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Green Pe Greenpeace SA  
Department of Environmental affairs

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Farmers farm with mielies and livestock (Cattle and sheep) when we bought our land it was agricultural land.

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

yes Open plots (Subdiv 4 and 5) Farm de Pont 228.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Yes this area is a heritage Site (One of the top heritage Sites in the world) The Vredefort Dome

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

yes. Wild life is a huge concern. Many species of wildlife lives in their habitat. The land is proclaimed for agricultural purposes and not for mining

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

Mining shouldn't take place

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

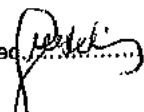
The activities that goes with mining is problematic. Conservation of NATURE is destroyed. The danger of chemicals (sand) when it is windy is a health risk to humans. The sand sound pollution is terrible. The many trucks on the road destroy the ROAD and the

General Comments:

many trucks are a danger to all who is using the road.

This activity of mining will destroy Gods beautiful nature. All wild life will dissapear with time. 30 years are a very long time and this has a huge impact on animals and humans. I do not feel save living here anymore and deftely fight a constant battle that mining should not take place in this environment

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed  Name Madelein Gersteling Date 2018-11-08

FS 30/5/1/2/2/10048EM Project Pure Source Mine  
 INTERESTED AND AFFECTED PARTY REGISTRATION FORM (Shango Solutions)

PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                           |                |   |
|--|---------------------------|----------------|---|
| Name                                   | Tameke GERSTELING         | EAP            | Shango Solutions                          |
| Address                                | 228 Farm De Pest sub 3    | Contact person | Ms Zizo Siwendu                           |
|  | Parys                     | Address        | P.O Box 2591                              |
|  |                           |                | Cresta<br>2118                            |
| Landowner/Lawful occupier/Organisation | Staying with mom and dad. | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 084 519 7381              | Tel no.        | 011 678 6504                              |
| Email                                  | appsprincipal@gmail.com   | Email          | zizo@shango.co.za                         |

Organisation and/or property description (if landowner/ lawful occupier)

2,2 hectar plot

Please state your Interest in the proposed project (you are welcome to add additional pages if required):

Mining should not take place

Please assist by completing the questions below. These responses will be utilised to inform the Scoping Report process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

I am 18 years old and stay with my Mom and dad.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes their are a number of families with their employees that stay on the land.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

I know it is a heritage site.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Department of Environmental affairs

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

Farmers farm with Mielies and Cattle. I farm with horses

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Yes Open plots next to us.

Are you aware of any cultural or heritage features within the application area and surrounds, please provide detail?

Yes we stay in a heritage site called The Vredefort Dome.

Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study.

Yes I am very concern of the wild life. My dad and I are very involved with the wildlife that are found here.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity.

No mining should take place and ~~the~~ other mines should be closed down.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Yes I see less and less wild animals. I do not here hear the fish eagles anymore. The noise levels are loud and when the wind blows I cannot breath.

General Comments:

I am scared to stay here. I can not ride my horses if a mine is opening up again. My horses get scared of the lorries that are consisting on the road. In the past few years my dad had to purchase new tyres because of all the potholes in the road. I hate the mines.

Shango Solutions respectfully requests that you please sign this letter and return it to Shango Solutions at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this Mining Right (MR) Application and associated Integrated Environmental Authorisation (IEA) process.

Signed [Signature] Name Inneke Gersteling Date 2018/11/08

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, November 22, 2018 11:35 AM  
**To:** 'appsprincipal@gmail.com'  
**Cc:** 'Zizo Siwendu'  
**Subject:** RE: Pure Source Mine

Good day,

Thank you for your mail and for completing the Interested and Affected Party registration forms.

Your comments and objection to the above mentioned project are duly noted.

According to the specialist studies undertaken in support of this application, the proposed application area does not overlap with, nor will it impact upon any formally protected area. We are required by the relevant legislation to maintain a 1 km buffer from protected areas. The edge of the crater of the Vredefort Dome, a UNESCO World Heritage Site, is ~8 km to the south-west of the site. As such, the Vredefort Dome will not be impacted upon by the proposed mining activities.

Ambient particulate and gaseous concentrations resulting from mining operations will be assessed in the air quality assessment during the Environmental Impact Assessment (EIA) phase of the project, in order to determine their impact on human health.

Your concerns regarding road safety and the poor state of the roads are noted. Based on the Traffic Impact Assessment, the proposed Pure Source Mine will be accessed by means of an existing farm access road from road S171. A visual investigation of the relevant section of the road S171 was undertaken as part of the traffic assessment. According to the investigation, the road surface of S171 is in a poor condition with multiple potholes. In order to avoid further deterioration of this road, it is recommended that (i) a Roads Maintenance Plan, inclusive of upgrades, be prepared and that (ii) a pavement design specialist be commissioned to investigate the condition of the roadway layers in order to identify any collapsing and deterioration of the roadway layers.

The following mitigation measures have been recommended to ensure road safety:

- ✓ Construct safe access points/intersections.
- ✓ Educate employees (temporary and permanent) about road safety.
- ✓ Enforce strict vehicle speeds.
- ✓ If a person or animal is injured by traffic activities, an emergency response procedure must be implemented.

Based on the Noise Impact Assessment, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MMS weather data set was utilised on-site and the results show that the noise levels are within a permissible range. Mitigation measures have been recommended to reduce noise impacts relating to this project. The planned working hours for the proposed Pure Source Mine are as follows:

- ✓ For mining activities, a 5.5 day work week with a 2 shift system is proposed. Operating hours would be from 06:00 to 18:00. For diamond sorting, a 6 day work week with a 2 shift system, operating 24 hours a day. However, the 24 hour shift for diamond sorting will be reconsidered during the EIA phase.

The Terrestrial Biodiversity Assessment identified the potential loss of habitat for Species of Conservation Concern (SCC) (based on the National Biodiversity Areas Plan) and the loss of areas of high biodiversity (based on the Free State Critical Biodiversity Areas Plan). Further investigations will be made during the EIA phase.

The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality impacts. In addition, mitigation measures such as dust suppression have been proposed to minimise dust emission.

Should you have any further concerns or questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Zizo Siwendu [mailto:[zizo@shango.co.za](mailto:zizo@shango.co.za)]  
**Sent:** Friday, November 9, 2018 2:44 PM  
**To:** [mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)  
**Subject:** FW: Pure Sourse Mine

**Best regards,  
Zizo Siwendu.**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 859 2686  
GPS Co-ordinates: -26.151388 27.962913

**From:** PostNet Vaal Mall [mailto:[vaalmail@postnet.co.za](mailto:vaalmail@postnet.co.za)]  
**Sent:** 09 November 2018 01:33 PM  
**To:** [zizo@shango.co.za](mailto:zizo@shango.co.za)  
**Subject:** Pure Sourse Mine

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# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                         |                 |   |
|---|-------------------------|-----------------|---|
| Name:                                   | Dawn Schepers           | EAP:            | Shango Solutions                          |
| Address:                                | 178 Hadzida st          | Contact person: | Ms Zizo Siwendu                           |
|   | Vaalbever               | Address:        | P.O Box 2591                              |
|   |                         |                 | Cresta                                    |
|   |                         |                 | 2118                                      |
| Landowner/Lawful occupier/Organisation: | landowner               | Project:        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.:                        | 076 259 4850            | Tel no.:        | 011 678 6504                              |
| Email:                                  | dawn.schepers@gmail.com | Email:          | zizo@shango.co.za                         |

gett.schepers@2@gmail.com

Organisation and/or property description  
(if landowner/ lawful occupier)

Erf 178 Vaalbever

Please state your interest in the proposed project (you are welcome to add additional pages if required):

I am opposed to mining because of the damage to land, water, silica dust which will affect our health + wellbeing. Value of our property will decrease.

Please assist by completing the questions below. These responses will be utilised to inform the Scoping and Environmental Impact Assessment process. Please submit additional pages if more space is required.

|   |                                      |
|---|--------------------------------------|
| Are you a land owner or legal land occupier within the application area?  | Yes                                  |
| Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.   | Yes                                  |
| Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.   | No (possibly in informal settlement) |
| Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.   | Vaalbever residents                  |
| Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)? |                                      |

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, November 21, 2018 3:21 PM  
**To:** dawn.schepers@gmail.com  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Pure Source Mine

Dear Dawn,

Thank you for completing the Interested and Affected Party registration form.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

- Please state your interest in the proposed project.  
I am opposed to mining because of the damage to land, water and silica dust which will affect our health and wellbeing. Value of our property will decrease.  
Your objection to the proposed project and reasons thereof are noted.
- Are you a landowner or legal land occupier within the application area?  
Yes.  
Noted.
- Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.  
Yes.  
Noted.
- Are you aware of any tribal authorities within, or affected by, the proposed application? Please provide detail and possible contact details.  
No (possibly informal settlement).  
Noted.
- Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.  
Vaalower residents.  
Noted.
- Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?  
Property development in Vaalower.  
Noted.
- Please describe any biophysical and/or socio-economic impacts that you believe should be considered during the study.  
Our water, air, flora and fauna will be negatively affected by the proposed mining. Our health will also be negatively affected by silica dust.

### 1. Water

Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. In addition, the Environmental Management Programme (EMPR) will categorically state that no untreated waste water must be pumped into the Vaal River. According to the Groundwater assessment undertaken in support of this application, potential impacts on groundwater anticipated during the operational phase include (i) a decline in water quality due to excavation of the sand and the wash plant facility as well as (ii) potential contamination of aquifers as a result of hydrocarbon spillage. The groundwater sampled on-site currently shows no negative impacts associated with the historical mining activities on the Farm Goosebay or at the neighbouring sand mine operations.

### 2. Air

The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality as well as noise impacts. Additional mitigation measures have been proposed and these are included in the relevant specialist reports.

### 3. Flora and fauna

According to the terrestrial biodiversity assessment undertaken in support of this application, open pit mining and site clearance for infrastructure and associated access roads may result in the loss of habitat for species of conservation concern as well as the displacement, direct mortalities and disturbance of the faunal community. The biodiversity specialist has recommended mitigation measures to minimise impacts on fauna, which include, but are not limited to, (i) avoiding high biodiversity sensitivity areas and complying with prescribed buffer zones as well as (ii) implementing training to ensure that all staff are aware of faunal sensitivity.

Impacts on flora may include the loss of plant species of conservation importance and the encroachment of alien invasive plant species. Mitigation measures have been proposed by the relevant specialist and are included in the in the terrestrial biodiversity assessment and draft Scoping Report.

#### 4. Health risks

Ambient particulate and gaseous concentrations due to the mining operations will be assessed in the air quality assessment during the Environmental Impact Assessment (EIA) phase of the project in order to determine their impact on human health.

- Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.  
No mining as restoration of land will probably not take place. Noise factor will be a problem. How will dust storms from mining dust be managed? How will water be protected?  
Your suggestion is noted. According to the noise baseline assessment for this project, noise impacts are expected to be slightly more notable to the south of the project activities. Furthermore, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. Mitigation measures were recommended to reduce noise impacts.

Dust suppression has been proposed as a mitigation measure to minimise dust emissions. In the case of surface water, no untreated waste water and/or effluent will be discharged into the Vaal River as it will be managed in a closed system wherein contact water will be separated from non-contact water as per the Requirements of the National Environmental Management Act (NEMA). Water utilised during the sand washing process will be recycled back to the wash plant for re-use.

The following mitigation measures have been recommended to reduce impacts on groundwater quality:

- Design and implement contamination containment measures.
- Effective equipment and vehicle maintenance.
- Fast and effective clean-up of spills.
- Conducting groundwater monitoring and implementing remedial actions where required.

- Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?  
Value of property will decrease. Dust (silica) will cause disease and lung cancer. Fauna and flora will be negatively affected. Jobs will be lost as businesses will be forced to close down.  
In order to assess the potential impacts on existing property values, the property context surrounding the site was first considered by the economic specialist. Secondly, the results of the other specialist studies were scrutinised for information on impacts that could lead to welfare changes reflected in property value effects. The key potential sources of negative impacts on property values are visual, air quality, noise and biodiversity impacts. The Economic Impact Assessment states that property values in any given area are significantly driven by demand for housing, which in turn, is directly linked to economic opportunities and jobs in the area. The project therefore has the potential to increase demand and associated values for housing and property. The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, noise, water quality and social measures) and enhance positive impacts would reduce impacts on property values.

According to the Social Impact Assessment, it is understood that the proposed project will promote job creation within the local area.

**Refer to point 7 for our responses regarding fauna, flora and health risks.**

- General comments:  
Mining will generally have nothing but a negative effect on people, fauna, flora, value of property and health. Jobs will be lost due to businesses closing down.  
**Kindly refer to the above points addressing the issues you specified under general comments.**

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

## Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

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ADDITIONAL SCOPING PHASE PUBLIC CONSULTATION

10 NOVEMBER 2018

COMMENTS AND RESPONSES FORM

PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

Table with contact details for Renee Hartsliet and Shango Solutions, including name, address, contact person, project name, and phone numbers.

Organisation and/or property description (if landowner/lawful occupier)

"THE SAVANNAH AFRICA" WOOLRIDGE 65 + EXCELSIOR 271 x 1 farms

Please state your interest in the proposed project:

I AM INTERESTED IN PRESERVING THE ENVIRONMENT (LAND AIR AND WATER) AND SOCIO-ECONOMIC UPLIFTMENT IN THE VAAL EDEN AREA.

Comments:

OBJECT TO:
1. APPLICATION FOR ZONING CHANGE NOT DONE
2.

Shango Solutions respectfully requests that you please sign this form and return it at the details provided.

Signed: [Signature] Name: RENEE HARTSLIET Date: 10 NOV 2018



ADDITIONAL SCOPING PHASE PUBLIC CONSULTATION

10 NOVEMBER 2018

COMMENTS AND RESPONSES FORM

PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

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|  |                           |                |   |
|--|---------------------------|----------------|---|
| Name                                   | John + Petruska Annandale | EAP            | Shango Solutions                          |
| Address                                | 698 Visarend Str.         | Contact person | Ms Zizo Siwendu                           |
|  | Vaaloeuw                  | Address        | P.O Box 2591                              |
|  | Vanderbijlpark            |                | Cresta                                    |
|  |                           |                | 2118                                      |
| Landowner/Lawful occupier/Organisation | Landowner                 | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 0834411217 / 0828241340   | Tel no.        | 011 678 6504                              |
| E-mail                                 | admin@zandratrading.co.za | E-mail         | zizo@shango.co.za                         |

Organisation and/or property description (if landowner/lawful occupier)

Own a house @ Vaaloeuw

Please state your interest in the proposed project:

Financial Values of our Properties.  
Health Concerns  
Environmental Concerns.

Comments:

- The values of our properties already started to drop. What value to the area will the mine be?
- In any of your preliminary studies, did the relevant parties (environmental, etc) considered / studied what impact the weather have on the area?
- Your studies in regards to Job creation, is it only relevant to the mine?
- What is the mine's BDF's contributions going to be? (Development & Localisation)

Shango Solutions respectfully requests that you please sign this form and return it at the details provided.

Signed: [Signature] Name: Petruska Annandale Date: 2018-11-10

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 5, 2018 2:10 PM  
**To:** 'admin@izandratrading.co.za'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Pure Source Mine

Good day,

Thank you for completing the comments and responses form provided to you at the additional public consultation held on the 10<sup>th</sup> November 2018.

Kindly be advised that you have been registered as Interested and Affected Parties and will be kept up to date with any developments regarding this project.

low (in red) are our responses to the concerns you raised.

**1. The value of our properties has already started to decline.**

Your comment is noted. It is understood that the project's environmental and social impacts have the potential to impact on property values. Based on the desktop Economic Impact Assessment, the individual factors that could impact negatively on property values in the area are visual, air quality, noise and terrestrial and riverine biodiversity impacts. Positive impacts could stem from the increased commercial activity and job creation associated with the project which could play a role in boosting demand for houses with potential impacts on property values. The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, water quality, traffic and social measures) and enhance positive impacts would thus reduce impacts on property values.

**What value will the mine add to the area?**

According to the Socio-economic Impact Assessment, the potential positive impacts, which may be associated with the mining operations include, but are not limited to, the following:

- Increase in job opportunities for skilled and unskilled labourers.
- Opportunities for the local economy and business in the area due to the injection of income in the area in the form of wages.
- Capacity building and skills development.
- Generation of resources such as sand , gravel and diamonds would boost South Africa's economy.

In addition, extensive investigations have revealed that there is a shortage of alluvial silica sand in the PWV industrial complex. Alluvial silica sand has a greater utility than silica sand that is created by means of crushing processes. Furthermore, many of the previously existing abundant alluvial silica sand mines located in the Vaal Triangle (Copper Sunset, Skysand and Mission Point mines) are on the verge of being exhausted, thus making the mining of the existing resource at the Pure Source Mine both necessary and desirable, with regards to economic considerations.

**2. Did the relevant parties (environmental etc.) consider/study what impact the weather will have on the area in the preliminary studies that were conducted?**

Yes. Modelled MM5 data was obtained for the period January 2015 to December 2017 to describe atmospheric dispersion potential and for future use in the dispersion model as there is no on-site meteorological station.



3. Is your study regarding job creation only related to the mine?

This project is for mining. As such, the study only outlines jobs that will be created directly by the mining operations.

4. What are the mine's development and localisation contributions going to be?

In accordance with the requirements of the Mineral and Petroleum Resources Development Act (MPRDA) and the Mining Charter, the Applicant is required to formulate a five year Social and Labour Plan which includes a Local Economic Development Programme. The Local Economic Development project in this regard is a Road Maintenance Income Generating project.

5. Health concerns

Alpha quartz (silica) concentrations will be modelled and assessed against international health screening criteria during the full air quality impact assessment. In addition, ambient particulate and gaseous concentrations due to the mining operations will also be assessed during the Environmental Impact Assessment (EIA) phase in order to determine their impact on human health.

Regards,

**Mmakoena Mmola**



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[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913



**ADDITIONAL SCOPING PHASE PUBLIC CONSULTATION**  
**10 NOVEMBER 2018**  
**COMMENTS AND RESPONSES FORM**

**PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION**

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                             |                       |  |
|---|-----------------------------|-----------------------|--|
| <b>Name</b>                                   | RUDI LIEBENBERG             | <b>EAP</b>            | Shango Solutions                             |
| <b>Address</b>                                | LAPA MANZI 33               | <b>Contact person</b> | Ms Zizo Siwendu                              |
|   |                             | <b>Address</b>        | P.O Box 2591                                 |
|   |                             |                       | Cresta<br>2118                               |
| <b>Landowner/Lawful occupier/Organisation</b> | LANDOWNER                   | <b>Project</b>        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 082 800 3522                | <b>Tel no.</b>        | 011 678 6504                                 |
| <b>E-mail</b>                                 | RUDI.LIEBENBERG@FUCHS.CO.ZA | <b>E-mail</b>         | zizo@shango.co.za                            |

**Organisation and/or property description**  
(if landowner/lawful occupier)

RIVER PLOT

**Please state your interest in the proposed project:**

ENVIRONMENTAL IMPACT.  
 DESTRUCTION OF ROADS  
 DANGER TRAVELING ON NARROW ROAD/NIGHT DRIVING

**Comments:**

THE APPLICANT PROVEN NOT CARRING FOR RULES AND REGULATIONS. CURRENTLY CONTINUING WITH WORK. NO EQUAL OPPERTUNITY FOR PROSPECTING RIGHTS. ECO ESTATE DOING MINING?

Shango Solutions respectfully requests that you please sign this form and return it at the details provided.

Signed Name RUDI LIEBENBERG Date 10/11/2018

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 5, 2018 2:29 PM  
**To:** 'rudi.liebenberg@fuchs.co.za'; 'rudil@reutech.co.za'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Pure Source Mine

Good day,

Thank you for completing the comments and responses form provided to you at the additional public consultation held on the 10<sup>th</sup> November 2018.

Kindly be advised that you have been registered as Interested and Affected Parties and will be kept up to date with any developments regarding this project.

low (in red) are our responses to the concerns you raised.

- **Environmental impact, destruction of roads and danger travelling on narrow road or night driving.**  
Noted. A visual investigation of the relevant section of the road S171 was conducted as part of the Traffic Impact Assessment. It was noted that the road surface is in a poor condition with multiple potholes and it is possibly deteriorating. As such, it is recommended that a Roads Maintenance Plan be prepared, in collaboration with other landowners, developments and relevant roads authority, to ensure the availability of a road network to transport workers and mined product. In addition, a pavement design specialist should be commissioned to investigate the roadway layers in order to identify any collapsing and deterioration of the roadway layers.
- **The Applicant has proven not to care for rules and regulations. Currently continuing with work, no equal opportunity for prospecting rights, eco-estate doing mining.**  
It is understood that rehabilitation activities are currently taking place on-site. The process to obtain the necessary Environmental Authorisation for establishing the eco-estate was initiated more than a decade ago (thus confirming the landowner's intentions in this regard). The environmental authorities were approached in terms of the relevant legislation. The Record of Decision (RoD) confirming the Environmental Authorisation was accordingly issued in 2011. Mining is an interim land use. Could you kindly elaborate on what your mean by 'no equal opportunity for prospecting rights'?

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



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**INTERESTED AND AFFECTED PARTY REGISTRATION FORM**



**PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION**

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                         |                |   |
|--|-------------------------|----------------|---|
| Name                                   | Elize de Jaag           | EAP            | Shango Solutions                          |
| Address                                | 91 Tranquility Paradise | Contact person | Ms Zizo Siwendu                           |
|  | Rivier Street           | Address        | P.O Box 2591                              |
|  | Vaalwater               |                | Cresta                                    |
|  |                         |                | 2118                                      |
| Landowner/Lawful occupier/Organisation | Landowner               | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 082 9053831             | Tel no.        | 011 678 6504                              |
| Email                                  | arts@obsqmail.co.za     | Email          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

House  
landowner

Please state your interest in the proposed project (you are welcome to add additional pages if required):

Please assist by completing the questions below. These responses will be utilised to inform the Scoping and Environmental Impact Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

Landowner - Vaalwater

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

No

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

## **Mmakoena**

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 5, 2018 3:24 PM  
**To:** 'arts@absamail.co.za'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Pure Source Mine

Dear Elize,

Thank you for completing the Interested and Affected Party registration form provided to you at the additional public consultation held on the 10<sup>th</sup> November 2018.

Kindly be advised that you have been registered as an Interested and Affected Party and will be kept up to date with any developments regarding this project.

Your comment that dust and silica, water pollution, noise levels and animal life should be considered during the study is noted.

### **DUST AND SILICA**

1. Kindly note that alpha quartz (silica) concentrations will be modelled and assessed against international health screening criteria during the full air quality impact assessment, which will be undertaken during the Environmental Impact Assessment (EIA) phase of this project. Mitigation measures such as (i) limiting disturbed areas and (ii) effective dust suppression have been proposed to minimise dust. Additional mitigation measures will be recommended in the Environmental Management Programme (EMPR) during the EIA Phase of this project.

### **WATER POLLUTION**

2. Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. In addition, the EMPR will categorically state that no untreated waste water must be pumped into the Vaal River. According to the Groundwater Assessment, potential impacts on groundwater anticipated during the operational phase include (i) a decline in water quality due to excavation of the sand and the wash plant facility as well as (ii) potential contamination of aquifers as a result of hydrocarbon spillage. The groundwater sampled on-site currently shows no negative impacts associated with the historical mining activities on the Farm Goosebay or at the neighbouring sand mine operations.

### **NOISE LEVELS**

3. According to the Noise Baseline Assessment, noise impacts are expected to be slightly more notable to the south of the project activities. Furthermore, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. Potential noise sources will be quantified and included in the noise source inventory and noise propagation simulations during the noise impact assessment phase of the study.

### **ANIMAL LIFE**

4. Based on the terrestrial biodiversity assessment undertaken in support of this application, open pit mining and site clearance for infrastructure and associated access roads may result in the loss of habitat for species of conservation concern as well as the displacement, direct mortalities and disturbance of the faunal community. The biodiversity specialist has recommended mitigation measures to minimise impacts on fauna, which include, but are not limited to, (i) avoiding high biodiversity sensitivity areas and complying with prescribed buffer zones as well as (ii) implementing training to ensure that all staff are aware of faunal sensitivity.

Your comment that close monitoring should be undertaken in order to mitigate potential impacts, which may be associated with the proposed mining operation is also noted.

### **TOURISM**

5. According to the Economic Impact Assessment, visual, air quality, noise and water quality impacts combined with the loss of biodiversity are likely to be the key concerns for tourism. Sources of positive impacts would stem from increased potential for business-related visitors. The measures recommended in other specialist studies to minimise negative impacts (primarily visual, air quality, noise, water quality, biodiversity, rehabilitation and social measures) and enhance positive impacts would also reduce impacts on tourism. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks. The envisaged end land use is to develop the farm portions as an eco-estate with residential and hospitality facilities on the banks of the Vaal River.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

[GPS Co-ordinates: -26.151388 27.962913



ADDITIONAL SCOPING PHASE PUBLIC CONSULTATION

10 NOVEMBER 2018

COMMENTS AND RESPONSES FORM

PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                          |                |  |
|--|--------------------------|----------------|--|
| Name                                   | LYNNE TONNETT            | EAP            | Shango Solutions                             |
| Address                                | 1 DIAMOND COUSE          | Contact person | Ms Zizo Siwendu                              |
|  | VANDERWER                | Address        | P.O Box 2591                                 |
|  | WOLFFSBURG               |                | Cresta<br>2118                               |
| Landowner/Lawful occupier/Organisation | LANDOWNER                | Project        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 067 027 7156             | Tel no.        | 011 678 6504                                 |
| E-mail                                 | angieblight@telkomsa.net | E-mail         | zizo@shango.co.za                            |

Organisation and/or property description (if landowner/lawful occupier)

SELF CATERING FLATMENTS

Please state your interest in the proposed project:

AFFECTED PARTY

Comments:

REHABILITATION IS VERY IMPORTANT IF THE PROJECT GOES AHEAD

TOURISM WILL BE NEGATIVELY AFFECTED

FARM & FOREST " "

ENVIRONMENT " "

WHY ARE THEY ALREADY BUSY ???

Shango Solutions respectfully requests that you please sign this form and return it at the details provided.

Signed: [Signature] Name: LYNNE TONNETT Date: 10.11.18

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 5, 2018 11:40 AM  
**To:** heavenonvaal@telkomsa.net  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Lynne,

I trust our response below has addressed some of the comments (in red) you provided in the comments and responses form you completed at the additional public consultation. Below is our response to your question.

- Why are they already busy???

It is understood that rehabilitation activities are currently taking place on-site.

- Rehabilitation is very important if the project goes ahead.
- Tourism will be negatively affected.
- Fauna and flora will be negatively affected.
- Environment will be negatively affected.

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** Wednesday, December 5, 2018 11:29 AM  
**To:** 'heavenonvaal@telkomsa.net'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Notification Regarding an Application for an Integrated Environmental Authorisation and Integrated Water Use License in Support of a Mining Right Application in the Free State Province of South Africa (FS 30/5/1/2/3/2/1/10048 EM)

Dear Lynne,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our response in red. The comment you provided in the registration form is highlighted in yellow.

The rehabilitation is of utmost importance and we need to have sight of the legal financial deposit required for the process as well as confirmation that this will be held in trust for this purpose. I am very concerned about the negative impact this will have on the surrounding areas eg. Job losses which will not be made up by the company employing all the local staff who will lose their jobs in these areas due to this, water pollution, air pollution and more crime. Tourism will definitely be affected and thus all activities and businesses linked to tourism and jobs in this industry will be hugely negatively affected. It is without question that the fauna & flora will be a huge issue too.

Your comment is noted. Rehabilitation, from the mining industry perspective, means the disturbed areas will adhere to a pre-determined plan or fulfill a function that is sustainable and usable. It recognises that extraction of a resource will occur and that the original



## Mmakoena

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**From:** Athos Phytides <a.turk@mweb.co.za>  
**Sent:** Monday, November 12, 2018 8:46 AM  
**To:** zizo@shango.co.za  
**Subject:** Ref: FS 30/5/1/2/2/10048 MR

Good day  
My name is Athos Phytides  
Contact Details : 083 629 7065  
REF: FS 30/5/1/2/2/10048 MR

My concern is the Quality of the road and the amount of trucks on the road and the water table.

Hope to hear from you soon

*Kiri regards*  
*Athos Phytides*  
*Nando's Vaal*  
*Tel: 016 421 1187*  
*Fax:086 636 1649*

** Nando's **  
flame-grilled chicken

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, November 19, 2018 8:41 AM  
**To:** 'Athos Phytides'  
**Cc:** zizo@shango.co.za; mark@vldc.co.za; info@vldc.co.za; michael@vldc.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: FS 30/5/1/2/2/10048 MR

Dear Athos,

Thank you for your mail.

Based on the Traffic Impact Assessment, the proposed Pure Source Mine will be accessed by means of an existing farm access road from road S171. A visual investigation of the relevant section of the road S171 was undertaken as part of the traffic assessment. According to the investigation, the road surface of S171 is in a poor condition with multiple potholes. In order to avoid further deterioration of this road, it is recommended that (i) a Roads Maintenance Plan, inclusive of upgrades, be prepared and that (ii) a pavement design specialist be commissioned to investigate the condition of the roadway layers in order to identify any collapsing and deterioration of the roadway layers.

According to the Traffic Impact Assessment, it is expected that the proposed activities will have a manageable impact on traffic during all phases of the project, provided that road infrastructure improvements are implemented to mitigate the impact of the proposed land development area.

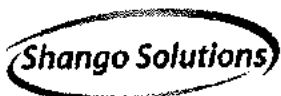
Groundwater studies are still on-going. However, impacts on the water table could be associated with **mine dewatering** and **water supply** from groundwater resources. Both these impacts will be properly assessed and quantified during the EIA phase of the project.

- **Mine dewatering**
  - The process by which water is removed due to the mining process. The proposed mining is shallow (i.e. less than 20 m deep). The recorded water levels in the area are also shallow and interception of groundwater is likely. The water should be managed according to the National Environmental Management Act (NEMA) Requirements i.e. closed system separating contact with non-contact water. The drawdown of the water will be monitored with regional monitoring boreholes to correctly measure any potential impact and mitigate accordingly.
- **Water supply**
  - This is currently on-going and additional studies are required to properly assess the impact on the local groundwater regime should groundwater be used and licensed for water supply.

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

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**From:** nicki withers <nickiwithers@gmail.com>  
**Sent:** Monday, November 12, 2018 9:51 AM  
**To:** zizo@shango.co.za  
**Cc:** liz@lizcharles.co.za  
**Subject:** Monte Cristo Commercial Park

Good morning Zizo,

Further to the meeting on Saturday please can you ensure that I receive minutes of the meeting at your soonest convenience.

I read with interest Item 11 of you background information document. I note that you have listed 22 potential negative impacts and only 6 potential positive implications. That clearly speaks for itself.

1. I would like you to outline the benefits that I, as a property owner in Lindequesdrif – with business interests in eco tourism, well being retreats and the marketing of organic foods, might expect to receive should this project go ahead?
2. Please can you explain to me that despite legislation being in place that requires the land used for mining to be rehabilitated, Mr van Wyk has not met his responsibilities in this regard? Even better would be if Mr van Wyk could attend future meetings so he can explain himself in person. Please do extend an invitation to him. There are many who be interested in his response to this and other questions.

I would like to suggest that subsequent meetings be held closer to the location of the proposed mine and that in order to enable the meeting to begin promptly the registration process begin at least 30 minutes prior to the start time.

As was pointed out at the meeting, Shango Solutions are being paid for time spent at these meetings. We as Interested and Affected parties are not.

I await your response to my questions above.

Yours sincerely  
Nicki Withers  
For Keraweb Investments

Sent from Majl for Windows 10

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Tuesday, November 27, 2018 9:22 AM  
**To:** 'nickiwithers@gmail.com'; 'liz@lizcharles.co.za'  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** RE: Monte Cristo Commercial Park

Dear Nicki,

I hope this mail finds you well.

Please see our responses in red.

Further to the meeting on Saturday please can you ensure that I receive minutes of the meeting at your soonest convenience.

Noted. I&APs who attended the public meeting were provided with the minutes on the 22nd November 2018.

I read with interest Item 11 of your background information document. I note that you have listed 22 potential negative impacts and only 6 potential positive implications. That clearly speaks for itself.

The nature of any new development will likely result in negative impacts on the environment. Positive impacts are mainly limited to socio-economic gains. The EIA process entails the identification of all potential impacts (negative and positive) as well as recommending mitigation measures in order to minimise the significance of the negative impacts and maximise the significance of the positive impacts.

1. I would like you to outline the benefits that I, as a property owner in Lindequesdrif – with business interests in eco-tourism, well-being retreats and the marketing of organic foods, might expect to receive should this project go ahead?

This is a mining project. As such, direct socio-economic benefits will include the following:

- Job creation (largely limited to low-skilled construction workers and a small number of skilled workers).
- Skills development for low-skilled labourers.
- Increase in business opportunities for the construction, industrial and jewellery industries .
- Gross Domestic Product (GDP) improvement and wealth generation.
- Contribution to royalties and tax revenues.

With regards to tourism, sources of positive impacts would stem from increased potential for business-related visitors due to the use of local guest houses/accommodation.

2. Please can you explain to me that despite legislation being in place that requires the land used for mining to be rehabilitated, Mr van Wyk has not met his responsibilities in this regard? Even better would be if Mr van Wyk could attend future meetings so he can explain himself in person. Please do extend an invitation to him. There are many who are interested in his response to this and other questions.

Thank you for your question.

Monte Cristo Commercial Park (Pty) Ltd ("MCCP"), has applied to the DMR, for a Mining Right in respect of three farm portions (Remaining Extent, Remaining Extent of Portion 1 and Portion 3 of the farm Woodlands 407), which are collectively known as Goosebay Farm. The mine, which it is hoped will be established at Goosebay Farm, will be known as Pure Source Mine. Shango Solutions have been appointed by Monte Cristo Commercial Park (Pty) Ltd ) to undertake the environmental process in order to obtain a Mining Right for Pure Source Mine.

Your question relating to previous mining operations by Goosebay Farm (Pty) Ltd was forwarded to the Applicant and their response is provided below. Your question and the Applicant's response will be captured into the Issues and Responses Report (an appendix to the Scoping Report), for consideration by the DMR.

2.1 Monte Cristo Commercial Park (Pty) Ltd ("MCCP") is the Legal Persona who has applied for the Mining Right;

2.2 Shango Solutions has been mandated to deal with the above Application on behalf of MCCP;

2.3 MCCP has to date conducted no Mining Operations, and is not at this time responsible for any rehabilitation as a result of past Mining Operations;

2.4 As a courtesy to you however, Goosebay Farm (Pty) Ltd, confirms that **Rehabilitation of the relevant previously mined areas, has:**

2.4.1 Achieved an advanced stage, in that:

2.4.1.1 Bulk Earthworks and Fine Grading are virtually complete;

2.4.1.2 Planting and re-seeding of affected areas is underway;

2.4.1.3 The entire process is being monitored by an independent consultant, and conducted in accordance with his advice;

2.4.2 Been conducted in strict accordance with the directions of the DMR, in record time, pursuant to a visit to the Mine by DMR Officials (including the Regional Manager DMR Welkom - The Esteemed Mr A Mulaudzi), on the 12<sup>th</sup> of August 2018.

2.5 Should you require any further guidance with regards to this issue, please contact the DMR.

2.6 Mr van Wyk advises that:

2.6.1 The Board of the Mining Right Applicant (MCCP), has authorised one of the Officers, acting on behalf of MCCP, Mr Michael Sam Cocks, to deal with all interaction with the Public, relating to this matter;

2.6.2 The Board of MCCP, and the Board of Directors of the Controlling Group, is well satisfied with Mr Cocks's highly competent and proficient handling of the matter to date, and sees no reason to deploy other personnel.

I would like to suggest that subsequent meetings be held closer to the location of the proposed mine and that in order to enable the meeting to begin promptly the registration process begin at least 30 minutes prior to the start time. Your suggestion will be considered.

As was pointed out at the meeting. Shango Solutions are being paid for time spent at these meetings. We as Interested and Affected parties are not. Your point is noted.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**

**INTERESTED AND AFFECTED PARTY REGISTRATION FORM**



**PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION**

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|   |                    |                       |  |
|---|--------------------|-----------------------|--|
| <b>Name</b>                                   | P. LUDORF          | <b>EAP</b>            | Shango Solutions                             |
| <b>Address</b>                                | 757 VAALOEWER      | <b>Contact person</b> | Ms Zizo Siwendu                              |
|   | P. A. Ludorf       | <b>Address</b>        | P.O Box 2591<br>Cresta<br>2118               |
| <b>Landowner/Lawful occupier/Organisation</b> | LANDLOVER          | <b>Project</b>        | Pure Source Mine<br>(FS 30/5/1/2/2/10048 MR) |
| <b>Tel or Cell no.</b>                        | 082 330 3128       | <b>Tel no.</b>        | 011 678 6504                                 |
| <b>Email</b>                                  | PENNYLU@HWEB.CO.ZA | <b>Email</b>          | zizo@shango.co.za                            |

Organisation and/or property description  
(if landowner/ lawful occupier)

HOUSE

Please state your interest in the proposed project (you are welcome to add additional pages if required):

This anticipated development will destroy the area over the river and will probably destroy the value of my property in Vaaloever.

Please assist by completing the questions below. These responses will be utilised to inform the Scoping and Environmental Impact Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

YES

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

YES - the informal settlement bordering VAALOEWER.

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

NO

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

The area bordering the VAAL RIVER is supposed to be an ECO area - especially affects ECO TOURISM. The wild life eg. Fish Eagle, Owls etc. will be chased away by the mining activity.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, December 6, 2018 8:47 AM  
**To:** 'penny@mwweb.co.za'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Pure Source Mine

Good day,

Thank you for completing the Interested and Affected Party registration form provided to you at the additional public consultation held on the 10<sup>th</sup> November 2018.

Kindly be advised that you have been registered as an Interested and Affected Party and will be kept up to date with any developments regarding this project.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

- Please state your interest in the proposed project.

This anticipated development will destroy the area over the river and will probably destroy the value of my property in Vaaloewer.

Your comment is noted. It is understood that the project's environmental and social impacts have the potential to impact on property values. Based on the desktop Economic Impact Assessment, the individual factors that could impact negatively on property values in the area are visual, air quality, noise and terrestrial and riverine biodiversity impacts. Positive impacts could stem from the increased commercial activity and job creation associated with the project which could play a role in boosting demand for houses with potential impacts on property values. The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, water quality, traffic and social measures) and enhance positive impacts could thus reduce impacts on property values.

Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring of the area. Kindly note that the envisaged end land use is to develop the farm portions as an eco-estate with residential and hospitality facilities on the banks of the Vaal River.

- Are you a landowner or legal land occupier within the application area?

Yes.

Noted.

- Are you aware of any communities which exist within the application area? Please provide detail and possible contact details:

Yes – the informal settlement bordering Vaaloewer.

Noted.

- Are you aware of any tribal authorities within, or affected by, the proposed application? Please provide detail and possible contact details.

No.

Noted.

- Please can you provide us with a description of the receiving environment.

The area bordering the Vaal River is supposed to be an Eco area – especially affects eco-tourism. The wildlife e.g. fish eagle, owls etc. will be chased away by the mining activity.

Based on the Terrestrial Biodiversity Assessment undertaken in support of this application, open pit mining and site clearance for infrastructure and associated access roads may result in the loss of habitat for species of conservation concern as well as the displacement, direct mortalities and disturbance of the faunal community. The biodiversity specialist has recommended mitigation measures to minimise impacts on fauna, which include, but are not limited to, (i) avoiding high biodiversity sensitivity

areas and complying with prescribed buffer zones as well as (ii) implementing training to ensure that all staff are aware of faunal sensitivity.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913



# INTERESTED AND AFFECTED PARTY REGISTRATION FORM



## PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                           |                |   |
|--|---------------------------|----------------|---|
| Name                                   | V. WITHERS                | EAP            | Shango Solutions                          |
| Address                                | PLOT 62                   | Contact person | Ms Zizo Siwendu                           |
|  | MAIN RD                   | Address        | P.O Box 2591                              |
|  | HANDEQUES DRIF            |                | Cresta                                    |
|  |                           |                | 2118                                      |
| Landowner/Lawful occupier/Organisation | LAND OWNER                | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 083 452 0474              | Tel no.        | 011 678 6504                              |
| Email                                  | nickwithers @ gmail . com | Email          | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/ lawful occupier)

KERAWEB INVESTMENTS  
HOME AND RENTAL  
COTTAGES

Please state your interest in the proposed project (you are welcome to add additional pages if required):

THE NOISE, DUST, POLLUTION, IMPACT ON RIVER WATER WILL NEGATIVELY AFFECT MY BUSINESS + DAMAGE TO ROADS, BRIDGES BY HEAVY VEHICLES

Please assist by completing the questions below. These responses will be utilised to inform the Basic Assessment process. Please submit additional pages if more space is required.

Are you a land owner or legal land occupier within the application area?

YES

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

EVERYONE WITH PROPERTIES OR RESIDING WITHIN A 20KM RADIUS OF THE PROPOSED SITE

Are you aware of any tribal authorities within, or affected by, the application area? Please provide detail and possible contact details.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Please can you provide us with a description of the receiving environment (including land uses such as farming, grazing etc.; vegetation; topographical features; infrastructure; sensitive flora/fauna)?

FARMING OF CROPS  
GRAZING  
FISHING ACTIVITIES  
BIRDLIFE



ADDITIONAL SCOPING PHASE PUBLIC CONSULTATION

10 NOVEMBER 2018

COMMENTS AND RESPONSES FORM

PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                       |                |   |
|--|-----------------------|----------------|---|
| Name                                   | Ansie Grabler         | EAP            | Shango Solutions                          |
| Address                                | Heaven on Ball        | Contact person | Ms Zizo Siwendu                           |
|  | Vredsewer             | Address        | P.O Box 2591                              |
|  |                       |                | Cresta                                    |
|  |                       |                | 2118                                      |
| Landowner/Lawful occupier/Organisation | Lawful Occupier       | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 0823257484            | Tel no.        | 011 678 6504                              |
| E-mail                                 | earthazurde@gmail.com | E-mail         | zizo@shango.co.za                         |

Organisation and/or property description (if landowner/lawful occupier)

Self catering Accommodation

Please state your interest in the proposed project:

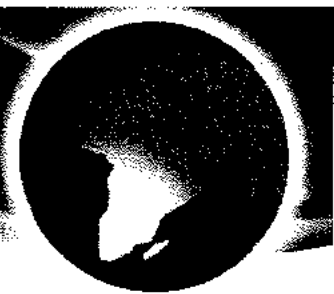
Negative impact on tourism  
Site is barren + an eyesore

Comments:

Rather focus on education is a "Veldschool", walking trails and rehabilitation of fauna & flora.

Shango Solutions respectfully requests that you please sign this form and return it at the details provided.

Signed Name Ansie Grabler Date 10/11/18



For: Manie / Mmakoeneng / Zizo  
From: Lorraine Coetzee  
Of: \_\_\_\_\_  
Telephone no.: 061 480 5331

|  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Telephoned | <input type="checkbox"/> Please phone back   | <input type="checkbox"/> Returned your call |
| <input type="checkbox"/> Called to see you     | <input type="checkbox"/> Desires appointment | <input type="checkbox"/> Will phone back    |

Message:

Wanted to enquire about job opportunities  
at the mine. Interested in admin-related  
work. Requested to be registered as an I&AP  
and also requested to be supplied with a  
job application form.

Received by: Manie / Mmakoeneng  
Date & time: 19 November 2018

E-mail: kosmoscateringLC@gmail.com

## Mmakoena

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**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, November 19, 2018 9:56 AM  
**To:** 'kosmoscateringLC@gmail.com'  
**Cc:** zizo@shango.co.za  
**Subject:** Pure Source Mine

Dear Loraine,

Our telephonic discussion refers.

Thank you for showing interest in the above mentioned project.

You have been registered as an Interested and Affected Party and will be kept up to date with any developments regarding this project.

Our client, Monte Cristo Commercial Park (Pty) Ltd has submitted an application for a Mining Right and an Integrated Environmental Authorisation (IEA). Shango Solutions have been appointed as the independent Environmental Assessment Practitioner (EAP) to assist in conducting and facilitating the Public Participation Process (PPP) for these applications. The PPP is still on-going. According to legislation, the Environment Impact Assessment process takes approximately 300 days to complete.

Should the Mining Right and IEA applications be granted by the Department of Mineral Resources, Shango Solutions will not be involved in the appointment process for this project. However, you may forward your CV to the Applicant (Monte Cristo Commercial Park (Pty) Ltd) for their consideration once you have been notified of the outcome of this application.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Lorraine Coetzee <kosmoscateringlc@gmail.com>  
**Sent:** Monday, November 19, 2018 10:08 AM  
**To:** Mmakoena  
**Subject:** Re: Pure Source Mine

Hi thanks so much will please will forward you cv thru as soon as possible. Regards Lorraine

On Nov 19, 2018 09:56, "Mmakoena" <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:  
Dear Loraine,

Our telephonic discussion refers.

Thank you for showing interest in the above mentioned project.

You have been registered as an Interested and Affected Party and will be kept up to date with any developments regarding this project.

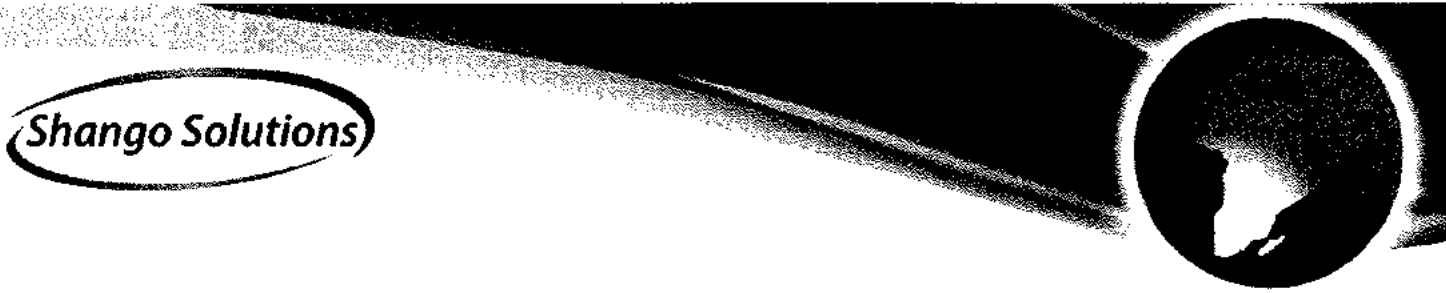
Our client, Monte Cristo Commercial Park (Pty) Ltd has submitted an application for a Mining Right and an Integrated Environmental Authorisation (IEA). Shango Solutions have been appointed as the independent Environmental Assessment Practitioner (EAP) to assist in conducting and facilitating the Public Participation Process (PPP) for these applications. The PPP is still on-going. According to legislation, the Environment Impact Assessment process takes approximately 300 days to complete.

Should the Mining Right and IEA applications be granted by the Department of Mineral Resources, Shango Solutions will not be involved in the appointment process for this project. However, you may forward your CV to the Applicant (Monte Cristo Commercial Park (Pty) Ltd) for their consideration once you have been notified of the outcome of this application.

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,  
Mmakoena Mmola

[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za) <<http://www.shango.co.za/>>  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913



Shango Solutions

For: 2120

From: David Buti Qhindi

Of: \_\_\_\_\_

Telephone no.: 065 651 4790

|  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Telephoned | <input type="checkbox"/> Please phone back   | <input type="checkbox"/> Returned your call |
| <input type="checkbox"/> Called to see you     | <input type="checkbox"/> Desires appointment | <input type="checkbox"/> Will phone back    |

Message:

Wanted to enquire about ~~job~~ employment opportunities.  
Provided his residential address and  
cellphone number.  
- David Buti Qhindi 8117 Ext 14,  
Vanderbijlpark 1913

Received by: 2120

Date & time: \_\_\_\_\_



For: Pure Source Mine  
 From: Ronny  
 Of: Free State  
 Telephone no.: 083 598 4060

|                                     |                   |                          |                     |                          |                    |
|-------------------------------------|-------------------|--------------------------|---------------------|--------------------------|--------------------|
| <input checked="" type="checkbox"/> | Telephoned        | <input type="checkbox"/> | Please phone back   | <input type="checkbox"/> | Returned your call |
| <input type="checkbox"/>            | Called to see you | <input type="checkbox"/> | Desires appointment | <input type="checkbox"/> | Will phone back    |

Message:

Ronny is interested in the proposed project and would like to register as an Interested and Affected Party so he can receive regular updates about the project.

Received by: Zizo Sivenaw  
 Date & time: 20/11/2018 (11:15 am)

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Tuesday, November 20, 2018 11:39 AM  
**To:** 'lebupitso1@gmail.com'  
**Cc:** zizo@shango.co.za  
**Subject:** Pure Source Mine



Pure Source  
Mine\_BID\_2018-...

Dear Ronny,

Your telephonic discussion with Zizo refers.

Thank you for showing interest in the proposed Pure Source Mine project.

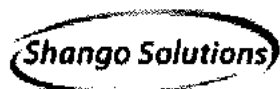
You have been registered as an Interested and Affected Party (I&AP) and will be kept up to date with any developments regarding this project.

Please find herewith attached the Background Information Document which will give you more insight on this project.

Should you have any questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913



## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Tuesday, November 20, 2018 8:18 AM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: Dust as a result of the mines  
**Attachments:** 490d4e1f-c791-4dc8-93a5-1cc8537cb4ce.JPG; 916fc1f1-a2fb-4f6a-a452-e5338f46b118.JPG; cc49200e-1140-4ebe-bc50-19fc6034f22b.JPG; 0da105dc-9d4d-415c-b4a9-f9f0443ba46b.JPG; 91d1cfbe-a440-4197-9c48-2e6ecec95bc0.JPG

-----Original Message-----

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 20 November 2018 07:27 AM  
**To:** zizo@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; stefanie@shango.co.za; jochen@shango.co.za; 'Mashudu Mulaudzi'  
**Cc:** craigrichardson100@gmail.com; Sampie van Rooyen; thabo.moloi@outa.co.za; kobusvdwalt02@gmail.com; 'Mariette Liefferink'; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Dust as a result of the mines

Good Day Zizo,

I hope you are well?

Please see attached photos.

This was as a result of yesterday's wind. In some instances babies had to be evacuated as they could not breathe.

Please forward this to the consultant that is dealing with dust.

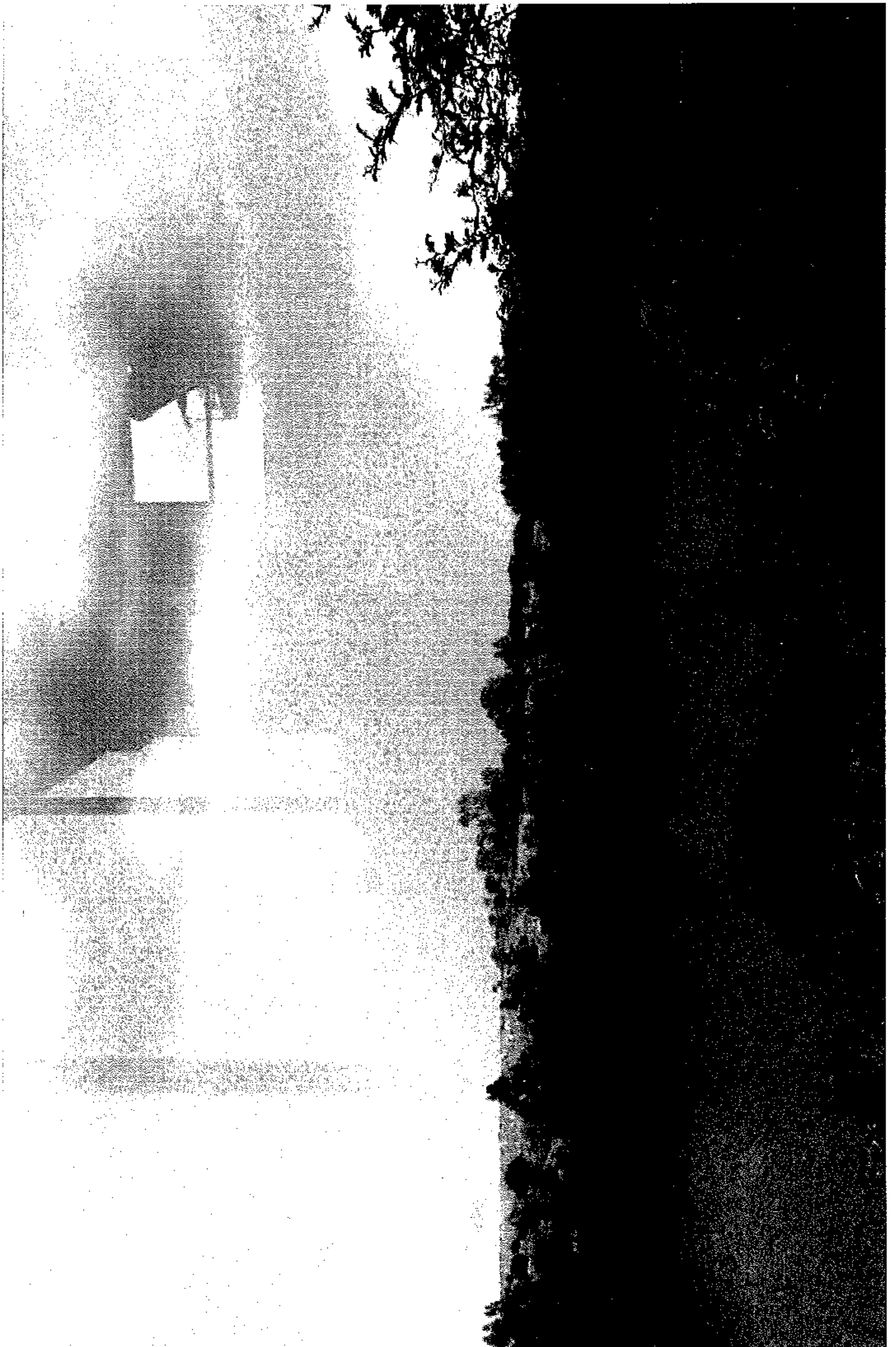
At the meeting he said to me he wanted to talk to me, but this did not happen. Please send me his contact details,

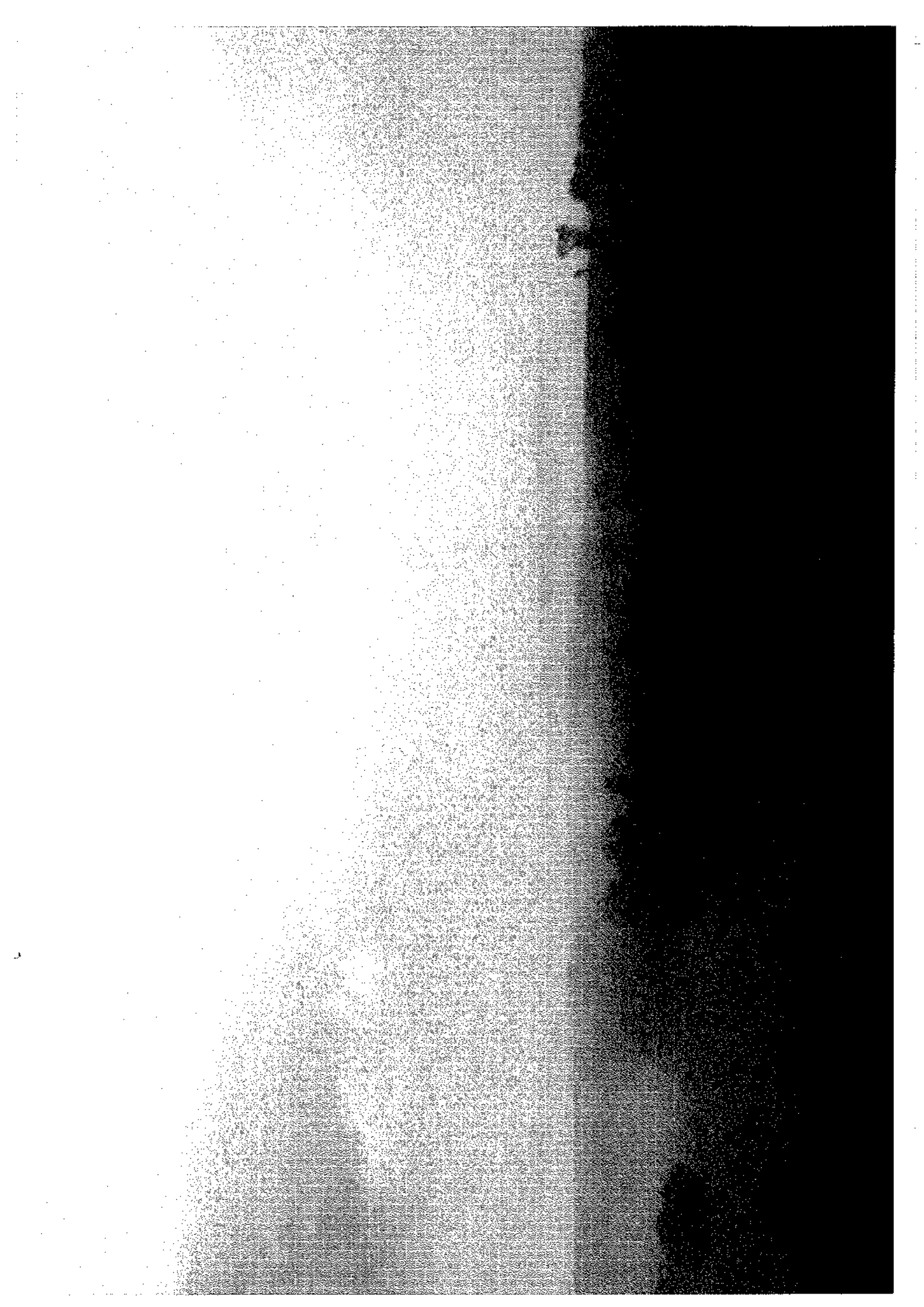
Kind Regards

Gavin Aboud  
083 281 5045

-----Original Message-----

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 20 November 2018 07:17 AM  
**To:** Gavin Aboud  
**Subject:**





## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Tuesday, November 20, 2018 9:17 AM  
**To:** gavinaboud@vodamail.co.za  
**Cc:** 'Zizo Siwendu'; 'stefanie@shango.co.za'; 'jochen@shango.co.za'; 'craigrichardson100@gmail.com'; Sampie van Rooyen (svr@envmgp.com); 'thabo.moloi@outa.co.za'; 'kobusvdwalt02@gmail.com'; mariette@pea.org.za; marlene@kruppeng.co.za; bobh@dullies.com; chrisc@cesa.co.za; 'dina.henstock@gmail.com'; renee@bundunet.com; tertiusw@gmail.com; warrinf@gmail.com  
**Subject:** RE: Dust as a result of the mines

Dear Gavin,

I trust you are well.

Kindly be advised that your e-mail has been forwarded to the air quality specialist.

contact details are provided below:

Name: Nick Grobler  
Telephone no.: 011 805 1940

Should you have any further questions in this regard, please do not hesitate to contact me.

Regards,  
Mmakoena Mmola

[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za) [f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

-----Original Message-----

From: Zizo Siwendu [mailto:zizo@shango.co.za]  
Sent: Tuesday, November 20, 2018 8:18 AM  
To: mmakoena@shango.co.za  
Subject: FW: Dust as a result of the mines

-----Original Message-----

From: Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
Sent: 20 November 2018 07:27 AM  
To: zizo@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; stefanie@shango.co.za; jochen@shango.co.za; 'Mashudu Mulaudzi'  
Cc: craigrichardson100@gmail.com; Sampie van Rooyen; thabo.moloi@outa.co.za; kobusvdwalt02@gmail.com; 'Mariette Liefferink'; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
Subject: Dust as a result of the mines

Good Day Zizo,

I hope you are well?

Please see attached photos.

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Wednesday, November 21, 2018 9:32 AM  
**To:** zizo@shango.co.za; 'Mmakoena'  
**Subject:** Dust from Sandmines  
**Attachments:** 3770ac60-7108-4e4a-a286-e33d36a4535a.JPG; Dust Photo.jpg

Good Day,

I refer my previous mail on this topic.

I contacted Nick Grobler as instructed.

He requested older photos.

Please forward attached.

These are about a year old,

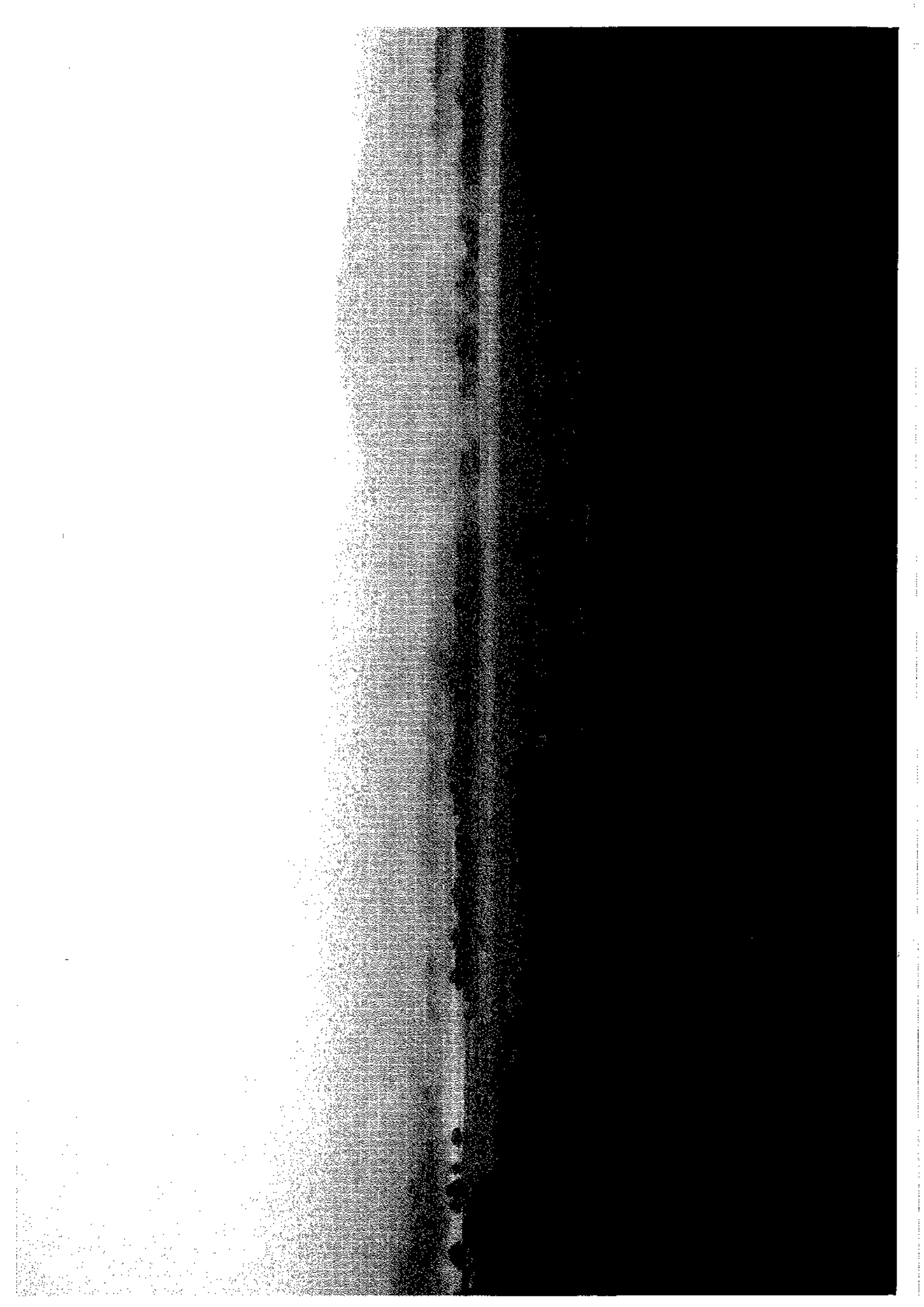
Kind Regards

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045

-----Original Message-----

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 21 November 2018 09:20 AM  
**To:** Gavin Aboud  
**Subject:**





## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, November 21, 2018 11:14 AM  
**To:** 'Gavin Aboud'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Dust from Sandmines  
**Attachments:** FW: Dust from Sandmines

Good day,

I trust you are well.

Your e-mail has been forwarded to Nick Grobler (see attachment).

Regards,  
Mmakoena Mmola

+27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za) [f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

-----Original Message-----

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** Wednesday, November 21, 2018 9:32 AM  
**To:** zizo@shango.co.za; 'Mmakoena'  
**Subject:** Dust from Sandmines

Good Day,

I refer my previous mail on this topic.

I contacted Nick Grobler as instructed.

He requested older photos.

Please forward attached.

These are about a year old,

Kind Regards

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Wednesday, November 21, 2018 10:01 AM  
**To:** Nick Grobler  
**Cc:** stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** FW: Dust from Sandmines  
**Attachments:** 3770ac60-7108-4e4a-a286-e33d36a4535a.JPG; Dust Photo.jpg

Dear Nick,

Please see below e-mail from Gavin Aboud.

Best regards,  
Zizo Siwendu.

-----Original Message-----

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Date:** 21 November 2018 09:32 AM  
**To:** zizo@shango.co.za; 'Mmakoena'  
**Subject:** Dust from Sandmines

Good Day,

I refer my previous mail on this topic.

I contacted Nick Grobler as instructed.

He requested older photos.

Please forward attached.

These are about a year old,

Kind Regards

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045

-----Original Message-----

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 21 November 2018 09:20 AM  
**To:** Gavin Aboud

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Monday, November 26, 2018 7:14 AM  
**To:** 'Mmakoena'; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; 'Mariette Liefferink'; kobusvdwalt02@gmail.com; Sampie van Rooyen; thabo.moloi@outa.co.za; 'St 757 Penny Ludoff'; 'Scholtz, Carl (C)'; Carl Gmail; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** FW: Pure Source Mine - Additional Public Consultation Notes for the Record

Good Day Jochen,

In copy DMR.

fer your mail below.

I refer mail below from Carl Scholtz.

I have gone out to our members to find out if they received your communication i.e. other IAP's.

It is becoming abundantly clear not all IAP,s received your communication.

You are requested to send this communication out again, ensure that all IAP's receive it and extend the time to comment.

I will send you more examples shortly.

Please treat as extremely urgent.

Kind Regards

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Monday, November 26, 2018 7:19 AM  
**To:** 'Dick 2+3'; jochen@shango.co.za; zizo@shango.co.za; stefanie@shango.co.za; mmakoena@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'  
**Cc:** 'Mariette Liefferink'; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; 'St 757 Penny Ludoff'; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** RE: Pure Source Mine - Additional Public Consultation Notes for the Record

Good Day Jochen.

Further to my mail this morning.

I refer mail below.

Another example of IAP's not receiving your mail.

I will continue to send you examples.

Please resend and extend deadline as requested.

Kind Regards

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



**From:** Dick 2+3 [mailto:27832686302@vodamail.co.za]  
**Sent:** 24 November 2018 05:34 AM  
**To:** Gavin Aboud  
**Subject:** RE: Pure Source Mine - Additional Public Consultation Notes for the Record

I did not receive your attachment.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, November 26, 2018 12:17 PM  
**To:** 'Gavin Aboud'  
**Cc:** 'zizo@shango.co.za'; 'stefanie@shango.co.za'; 'Mariette Liefferink'; 'kobusvdwalt02@gmail.com'; 'Sampie van Rooyen'; 'thabo.moloi@outa.co.za'; 'St 757 Penny Ludoff'; 'Scholtz, Carl (C)'; 'Carl Gmail'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'azwihangwisi.mulaudzi@dmr.gov.za'; 'Mashudu.Mulaudzi@dmr.gov.za'; 'craigrichardson100@gmail.com'; 'penny.lu@mweb.co.za'; 'jochen@shango.co.za'  
**Subject:** RE: Pure Source Mine - Additional Public Consultation Notes for the Record  
**Attachments:** Proof of E-mails sent to I&APs.pdf

Dear Gavin,

I hope you are well.

The notes for the record were sent out to attendees of the additional public consultation who (i) completed the attendance register and (ii) provided their e-mail addresses.

Prior to sending out e-mails on Thursday the 22<sup>nd</sup> November 2018, efforts were made to contact I&APs with e-mail addresses that were illegible.

E-mails that were not successfully delivered were resent on Friday the 23<sup>rd</sup> November 2018.

Kindly refer to the attached proof of delivery notifications.

Should you have any questions in this regard, please do not hesitate to contact me.

Regards,

Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]

**Sent:** Monday, November 26, 2018 7:14 AM

**To:** 'Mmakoena'; jochen@shango.co.za; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'

**Cc:** zizo@shango.co.za; stefanie@shango.co.za; 'Mariette Liefferink'; kobusvdwalt02@gmail.com; Sampie van Rooyen; thabo.moloi@outa.co.za; 'St 757 Penny Ludoff'; 'Scholtz, Carl (C)'; 'Carl Gmail'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'

**Subject:** FW: Pure Source Mine - Additional Public Consultation Notes for the Record

Good Day Jochen,

In copy DMR.

I refer your mail below.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, November 22, 2018 9:45 AM  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** Pure Source Mine - Additional Public Consultation Notes for the Record  
**Attachments:** PureSourceMine\_NotesForTheRecord\_20181122.pdf

| Tracking: | Recipient                        | Read                      |
|-----------|----------------------------------|---------------------------|
|           | zizo@shango.co.za                | Read: 11/22/2018 10:28 AM |
|           | jochen@shango.co.za              |                           |
|           | stefanie@shango.co.za            | Read: 11/22/2018 4:10 PM  |
|           | 'edstevens@telkomsa.net'         |                           |
|           | 'dina.henstock@gmail.com'        |                           |
|           | 'lize.henstock@gmail.com'        |                           |
|           | 'earthazurite@gmail.com'         |                           |
|           | 'cindy.aboud@vodamail.co.za'     |                           |
|           | 'gavinaboud@vodamail.co.za'      |                           |
|           | 'carpress@iafrica.com'           |                           |
|           | 'erroljw@msn.com'                |                           |
|           | 'info@alpinedevelopments.co.za'  |                           |
|           | 'mcbeathdennis@gmail.com'        |                           |
|           | 'admin@izandratrading.co.za'     |                           |
|           | 'angelight@telkomsa.net'         |                           |
|           | 'rethaespach47@gmail.com'        |                           |
|           | 'esme42020@gmail.com'            |                           |
|           | 'capdeps@gmail.com'              |                           |
|           | 'shauncaplin@gmail.com'          |                           |
|           | 'magdaboshoff@gmail.com'         |                           |
|           | 'leonorawolfaardth@gmail.com'    |                           |
|           | 'djckdup@vodamail.co.za'         |                           |
|           | 'pvanniek@absamail.co.za'        |                           |
|           | 'rtaccs@yahoo.com'               |                           |
|           | 'theoldecharm@gmail.com'         |                           |
|           | 'carl.scholtz24@gmail.com'       |                           |
|           | 'henriette.mercer@gfe-mir.co.za' |                           |
|           | 'starhyd@telkomsa.net'           | Read: 11/22/2018 11:45 AM |
|           | 'elizel.vanrensborg@gmail.com'   |                           |
|           | 'nicocasp@gmail.com'             |                           |
|           | 'russell.theron@seeff.com'       |                           |
|           | 'soutieken@gmail.com'            |                           |
|           | 'homansafe@yahoo.com'            |                           |
|           | 'hollandgea@gmail.com'           |                           |

| Recipient                           | Read                     |
|-------------------------------------|--------------------------|
| 'amandakroezen@gmail.com'           |                          |
| 'machielkroezen@gmail.com'          |                          |
| 'nico.fourte@niceku.co.za'          |                          |
| 'katryn@totalcaresa.co.za'          |                          |
| 'dfsnet@gmail.com'                  |                          |
| 'jacques.van.rensburg@merck.com'    |                          |
| 'ginde@telkomsa.net'                | Read: 11/22/2018 9:57 AM |
| 'jhnwepener@gmail.com'              |                          |
| 'nickwithers@gmail.com'             |                          |
| 'rhde Witt@sambit.co.za'            | Read: 11/22/2018 9:55 AM |
| 'sampie@monswario.co.za'            |                          |
| 'theo@thelab.shoes'                 |                          |
| 'channandale@gmail.com'             |                          |
| 'kobusdewaal@vodamail.co.za'        |                          |
| 'kobusvdwalp02@gmail.com'           |                          |
| 'jvanloggerenberg@oldmutualpfa.com' |                          |
| 'chrisc@cesa.co.za'                 |                          |
| 'conradvdm182@gmail.com'            |                          |

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

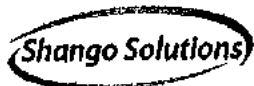
Please receive herewith attached the notes for the record for the additional public consultation held on the 10<sup>th</sup> November 2018 for your perusal.

Should you have any comments, kindly forward your comment to Shango Solutions by no later than the 30<sup>th</sup> November 2018.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
 [f] +27 11 678 9731 [c] +27 76 714 7937  
 GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, November 22, 2018 9:45 AM  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Pure Source Mine - Additional Public Consultation Notes for the Record  
**Attachments:** PureSourceMine\_NotesForTheRecord\_20181122.pdf

| Tracking: | Recipient                               | Read                      |
|-----------|---|---------------------------|
|           | zizo@shango.co.za                       | Read: 11/22/2018 9:48 AM  |
|           | stefanie@shango.co.za                   | Read: 11/22/2018 4:10 PM  |
|           | jochen@shango.co.za                     |                           |
|           | 'val@utlfs.co.za'                       |                           |
|           | 'quintonbu@gmail.com'                   |                           |
|           | 'annalise.scholtz@gmail.com'            |                           |
|           | 'klostae@gmail.com'                     |                           |
|           | 'midwaygp@yahoo.com'                    |                           |
|           | 'info@hippoadventures.co.za'            | Read: 11/22/2018 9:19 PM  |
|           | 'joandenblanken@webmail.co.za'          |                           |
|           | 'dawn.schepers@gmail.com'               |                           |
|           | 'gert.schepers02@gmail.com'             |                           |
|           | 'arts@absamail.co.za'                   |                           |
|           | 'chaneyvdm1@gmail.com'                  |                           |
|           | 'jonic.botha@gmail.com'                 | Read: 11/24/2018 1:28 PM  |
|           | 'bothajoyce@yahoo.com'                  |                           |
|           | 'martin.steyn@arcelormittal.com'        |                           |
|           | 'erichsmith@gmail.com'                  |                           |
|           | 'erichs@joburg.org.za'                  |                           |
|           | 'martin.vaaloeper@vodamail.co.za'       | Read: 11/22/2018 12:48 PM |
|           | 'rudil@reutech.co.za'                   |                           |
|           | 'rudl.liebenberg@fuchs.co.za'           |                           |
|           | 'gatewayshell@gmail.com'                |                           |
|           | 'admin@izandratrading.co.za'            |                           |
|           | 'racenejordan.rj@gmail.com'             |                           |
|           | 'ultimatedoor.jaco@gmail.com'           |                           |
|           | 'hermanbear33@gmail.com'                | Read: 11/25/2018 4:22 PM  |
|           | 'buddyludik@gmail.com'                  |                           |
|           | 'pieter.hattingh@sibanyestillwater.com' |                           |
|           | 'gardenguys007@gmail.com'               |                           |
|           | 'arts@absamail.co.za'                   |                           |
|           | 'hill.glenda55@gmail.com'               |                           |
|           | 'glenda@dynafogafrika.co.za'            |                           |
|           | 'mark.baker@centralrandgold.com'        |                           |

| Recipient                              | Read                      |
|--|---------------------------|
| 'BakerChalice@gmail.com'               |                           |
| 'Rhodie.mark@gmail.com'                | Read: 11/22/2018 11:19 AM |
| 'michelledabr@discovery.co.za'         |                           |
| 'steven.dsfine@gmail.com'              |                           |
| 'liz.blignaut@gmail.com'               |                           |
| 'elmariefourie4@gmail.com'             | Read: 11/24/2018 11:29 AM |
| 'duan.jacobs@sasol.com'                |                           |
| 'duanjacobs1@gmail.com'                |                           |
| 'heidl2@iantic.net'                    |                           |
| 'michielb@netactive.co.za'             |                           |
| 'fayfred007@gmail.com'                 |                           |
| 'jonathanva@gmail.com'                 |                           |
| 'jonathanva@mweb.co.za'                |                           |
| 'juanitaBrooks@webmail.co.za'          |                           |
| 'juanita@transtrianglelogistics.co.za' |                           |
| 'thawns@transtrianglelogistics.co.za'  |                           |
| 'sandra.joubert@sasol.com'             |                           |
| 'candyz@iafrica.com'                   | Read: 11/23/2018 2:55 PM  |

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith attached the notes for the record for the additional public consultation held on the 10<sup>th</sup> November 2018 for your perusal.

Should you have any comments, kindly forward your comment to Shango Solutions by no later than the 30<sup>th</sup> November 2018.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
 [f] +27 11 678 9731 [c] +27 76 714 7937  
 GPS Co-ordinates: -26.151388 27.962913



Should you have any comments, kindly forward your comment to Shango Solutions by no later than the 30<sup>th</sup> November 2018.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**



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[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.952913





## Mmakoena

---

**From:** nicki withers <nickiwithers@gmail.com>  
**Sent:** Monday, November 26, 2018 8:24 AM  
**To:** Mmakoena  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** RE: Pure Source Mine - Additional Public Consultation Notes for theRecord  
**Attachments:** image001.png  
  
**Importance:** High

Thank you for this, I am still awaiting a response to the questions in my previous mail to Zizo

Kind regards  
Veronica Withers  
For Keraweb Investments

Sent from Mail for Windows 10

**From:** Mmakoena  
**Sent:** Thursday, 22 November 2018 09:49  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** Pure Source Mine - Additional Public Consultation Notes for theRecord

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

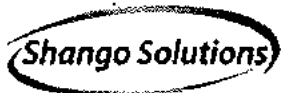
Please receive herewith attached the notes for the record for the additional public consultation held on the 10<sup>th</sup> November 2018 for your perusal.

Should you have any comments, kindly forward your comment to Shango Solutions by no later than the 30<sup>th</sup> November 2018.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** ED Stevens <edstevens@telkomsa.net>  
**Sent:** Monday, November 26, 2018 3:49 PM  
**To:** 'Mmakoena'; 'undisclosed-recipients:'  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; gavinaboud@vodamail.co.za; Liz Charles  
**Subject:** RE: Pure Source Mine - Additional Public Consultation Notes for the Record  
**Attachments:** FW: My questions raised Pure Source meeting 10\_11\_2018 (217 KB); IMG-20181126-WA0006.jpg; IMG-20181126-WA0003.jpg; IMG-20181126-WA0002.jpg

Good Day,

Please see attached email noting my questions that I raised at the meeting. Included this mail are photographs that have been taken from my house showing the extent of the dust storms.

I had another severe wind which blew up on 19th November 2018 at 15:35 and I have attached these photos which we took from our patio. I feel that in all fairness these photos should be sent to the DMR and additional air quality monitoring should be done over a longer term before proceeding.

I am still of the opinion that there should be another meeting with I & EP with feedback on the questions we raised.

Yours faithfully

Mrs ED Stevens  
175 Hadida Street  
Vaaloeuw  
072 147 4750

**From:** Mmakoena [<mailto:mmakoena@shango.co.za>]  
**Sent:** 22 November 2018 09:45 AM  
**To:** undisclosed-recipients;  
**Cc:** [zizo@shango.co.za](mailto:zizo@shango.co.za); [jochen@shango.co.za](mailto:jochen@shango.co.za); [stefanie@shango.co.za](mailto:stefanie@shango.co.za)  
**Subject:** Pure Source Mine - Additional Public Consultation Notes for the Record

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

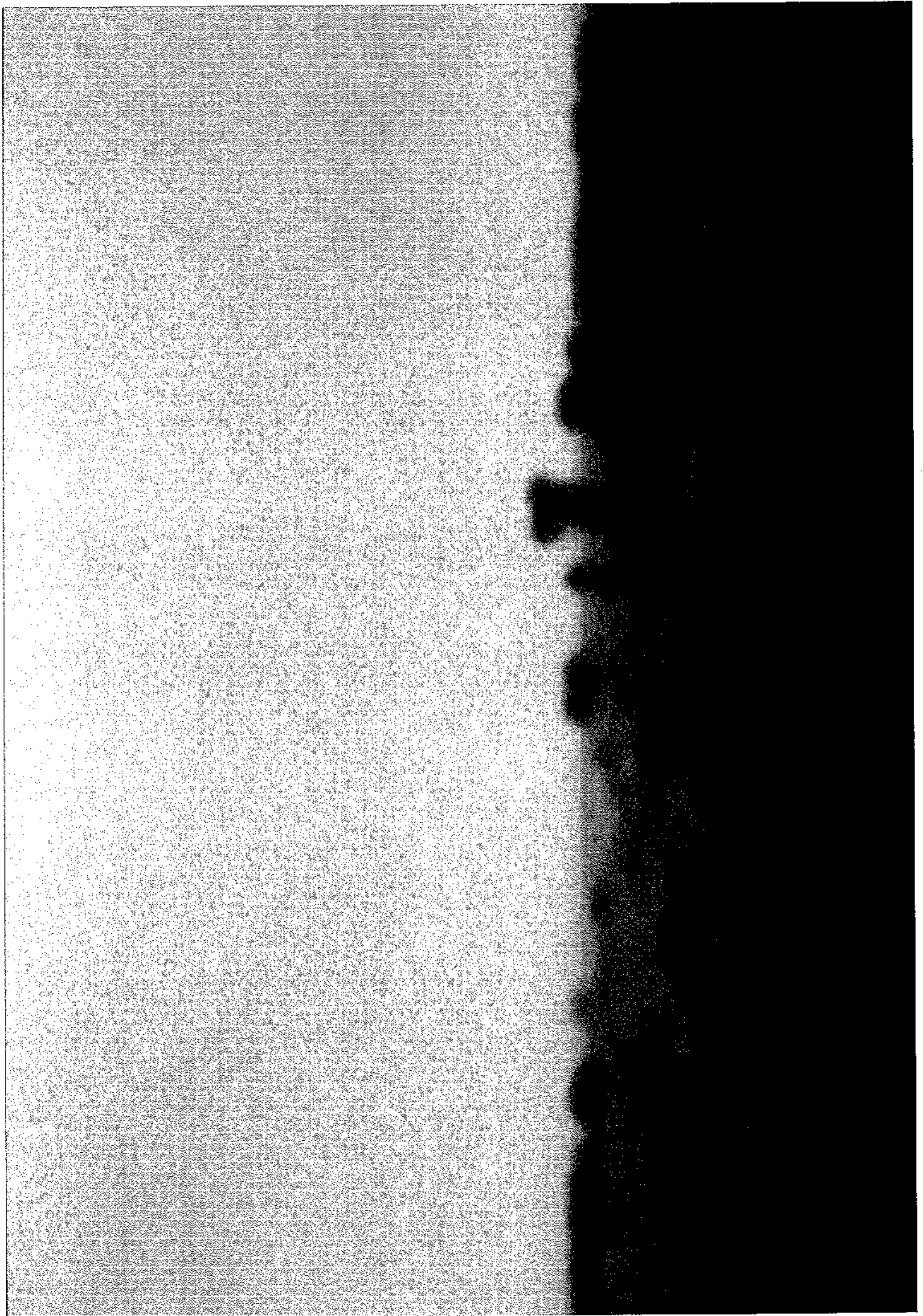
Please receive herewith attached the notes for the record for the additional public consultation held on the 10<sup>th</sup> November 2018 for your perusal.

Should you have any comments, kindly forward your comment to Shango Solutions by no later than the 30<sup>th</sup> November 2018.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**





## Mmakoena

---

**From:** ED Stevens <edstevens@telkomsa.net>  
**Sent:** Tuesday, November 13, 2018 1:33 PM  
**To:** diane.stevens175@gmail.com  
**Subject:** FW: My questions raised Pure Source meeting 10\_11\_2018  
**Attachments:** IMG-20181112-WA0005.jpg; IMG-20181112-WA0010.jpg; IMG-20181112-WA0019.jpg

**From:** ED Stevens [mailto:edstevens@telkomsa.net]  
**Sent:** 13 November 2018 01:16 PM  
**To:** Liz Charles (liz.tuxx@gmail.com)  
**Cc:** gavinaboud@vodamail.co.za  
**Subject:** My questions raised Pure Source meeting 10\_11\_2018

.iz,

As requested, my questions raised at the Pure Source Public Participation Meeting 10/11/2018.

1. Time Frame for I & AP's to respond to the minutes of the meeting, and question raised as to whether the questions raised would be answered by the relevant expert consultants and amended in the scoping report.

Shango Solutions said that the minutes of the meeting would be sent to the I & AP's and also to the DMR but only as addendum to the existing scoping report but that no changes would be made in the report. I feel this has negated the process of having a Public Participation Meeting if the questions raised by the affected public who attended the meeting are not thoroughly researched by the relevant consultant and a new scoping report is presented to the I & AP's.

The I & AE's were informed by Shango that they had a deadline of 14<sup>th</sup> December 2018 to submit their report and could/would not deviate from this. A decision will be made by DMR on an issue that will affect people for the next 35 to 40 years and this should not be rushed. We feel Shango Solutions acting in the favour of the mine owner and to the detriment of the I & AP's.

In the interests of fairness towards our community, I appealed for additional time for lay people and for our committee members to peruse the minutes and responses from Shango to the numerous questions raised and for a new Scoping Report to be drawn up with a new Public Participation Meeting
2. Silica /Dust Levels.

I am asthmatic and want to know what precautions are the mine going to put in place to prevent silica dust from reaching my house which is on the ridge directly opposite the mine. We have very high gusts of wind in our area and have already seen the dust storms generated by the mine. See attached photos.

There are other residents with asthma or breathing related problems living here permanently.

When the proposed open pit is established the dust storms will be much worse as the area exposed will be much bigger.

How many kilometres can Silica travel on wind? I am already seeing sand and I presume silica dust collecting on my patio after a dust storm.
3. Noise pollution from mechanised equipment and vehicles.

Baseline noise measure provided by manufacturers are dependent on wind and distance from effected residences. Vaaloewer is a residential area but taking the aforementioned factors into account regarding wind



and distance the air pollution and noise pollution would be greatly increased. Kingfisher Bend is situated directly opposite the proposed pump station.

Mechanised wash plant noise levels?

Mechanised rotary pan for alluvial diamond mining noise levels?

Mechanised pump stations?

Mechanised drying and screening plants?

Mechanised conveyor systems?

Trucks, Excavators and wheel loaders

#### Air Quality.

Question was put to panel asking how many monitors had been put up in the study. The answer was one (1) as electricity was a requirement for the equipment. The monitor was situated at the Goosebay Canyon Eco and River Estate Camp and Chalet site, on the farm Woodlands 407, which is in an area with trees and vegetation, no monitors had been situated in Vaaloewer at all. There is no data in the scoping report measuring the air quality over a period of time to establish a more accurate picture of the impact on air quality. I raised the issue that one (1) monitor) and where it was situated was not a true indication of the Air Quality over 30 years as eventually the mine would have no vegetation and my house and all the other effected parties properties are subject to winds from the mine.

#### 4. Ground water run off/ Floods

Maps indicate 7 areas where water runs towards the Vaal river. We have thunderstorms where excessive rain falls over a short period and will the proposed dams and run off channels prevent silica and sand from washing into the Vaal river and destroying the aquatic life or silting up the river?

#### 5. How close to the existing river bank will mining be permitted?

These periods of high rainfall often result in flooding. The mine intends to mine 100 meters from the 100 year high flood line level. The Vaal River between Vaaloewer and Pure Source Mine runs in a natural canyon bordered at times by ridges on each side and therefore the 100 year flood line will be reflected in height rather than in distance and in effect the Pure Source will be mining 100 meters from the river bank and all of the above objections to Air Quality and Noise Pollution will be increased. The potential for soil erosion and pollution of the river greatly increased.

#### 6. Rehabilitation Stages

The maps provided in the scoping report show the proposed stages of mining and rehabilitation (Slide 2.2 on Page 12) They show the intention to mine for Sand/Silica and Aggregate between year 1-2 and at the same time the construction of the necessary building will be taking place. Rehabilitation will only start taking place of year 1-2 from year 3-5.

No mention is made of when the existing open area which is already creating massive sand storm will be rehabilitated.

We were told that there are four stages to the rehabilitation process (Page 39) and that once the topsoil had been put back it could take up to 3 years for the grasses to reseed themselves and cover the open soil. Therefore, as I understand it from the initial year 1 when mining starts to the final rehabilitation of one mined strip it would take 5 years or more to possibly restore the environment to a level where the river regenerates and the flora and fauna are thriving again. The mine has a 30 year lifespan and we could then argue that the environment may be restored by 30 years working life plus 5 years for the final rehabilitation process, or by the year 2053.

Will Monte Christo Commercial Park/Pure Source still be here or have sufficient funds in a Trust account to complete the rehabilitation in 2053.

Kind regards

Diane Stevens  
072 147 4750

175 Hadida Street, Vaalower.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Tuesday, November 27, 2018 3:34 PM  
**To:** edstevens@telkomsa.net; gavinaboud@vodamail.co.za; liz@lizcharles.co.za  
**Cc:** zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Subject:** RE: Pure Source Mine - Additional Public Consultation Notes for the Record

Good day,

Thank you for your mail.

Please see our responses in red.

1. Time Frame for I & AP's to respond to the minutes of the meeting, and question raised as to whether the questions raised would be answered by the relevant expert consultants and amended in the scoping report. Shango Solutions said that the minutes of the meeting would be sent to the I & AP's and also to the DMR but only as addendum to the existing scoping report but that no changes would be made in the report. I feel this has negated the process of having a Public Participation Meeting if the questions raised by the affected public who attended the meeting are not thoroughly researched by the relevant consultant and a new scoping report is presented to the I & AP's. The I & AE's were informed by Shango that they had a deadline of 14<sup>th</sup> December 2018 to submit their report and could/would not deviate from this. A decision will be made by DMR on an issue that will affect people for the next 35 to 40 years and this should not be rushed. We feel Shango Solutions acting in the favour of the mine owner and to the detriment of the I & AP's. In the interests of fairness towards our community, I appealed for additional time for lay people and for our committee members to peruse the minutes and responses from Shango to the numerous questions raised and for a new Scoping Report to be drawn up with a new Public Participation Meeting

Firstly, we would like to reiterate that Shango Solutions is an independent Environmental Assessment Practitioner (EAP). Shango Solutions does not have any monetary interest in this project or shares in the company applying for the Mining Right. Shango Solutions was appointed by the Applicant to undertake the environmental process in support of this Mining Right application. Payment for the services rendered to the Applicant is not subject to the approval of the project. Shango Solutions does not guarantee that licenses or permits/rights will be obtained from regulatory/governing bodies. The primary role of the EAP is to inform the decision-making process to be undertaken by the relevant environmental authorities. Ultimate responsibility for granting or rejecting the application rests with the relevant environmental authorities (and other government bodies where relevant).

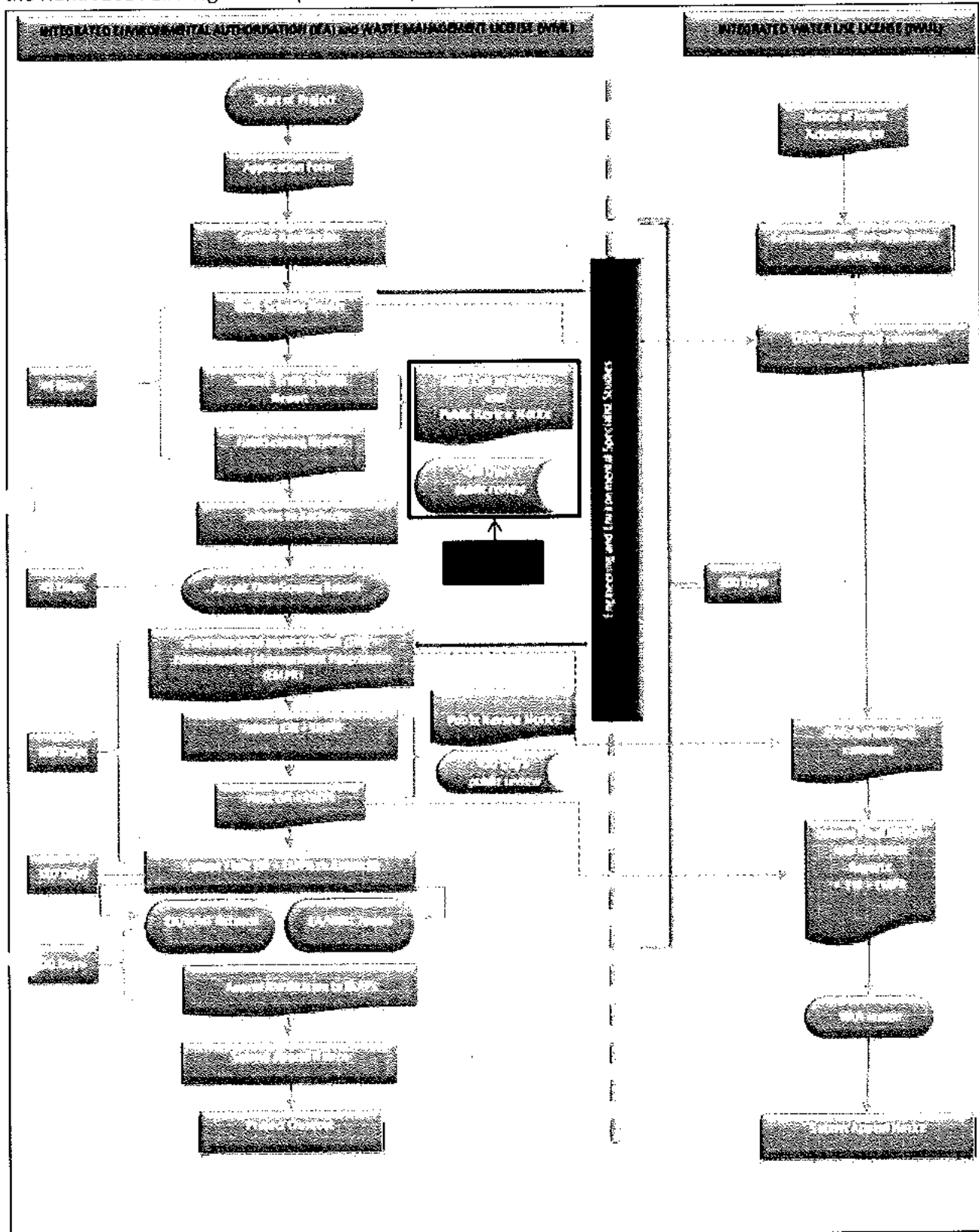
During the additional public consultation, Shango Solutions stated that notes for the record will be circulated to I&APs prior to submission to the DMR. It was also stated that questions raised by the attendees that were not addressed during the additional public consultation, would be included in the notes for the record to be circulated to I&APs. As such, the notes for the record that were circulated on the 22<sup>nd</sup> November 2018 reflect answers to the questions raised during the additional public consultation. In addition, it was stated that the attendees will be given 10 days to review the notes for the record and provide comment prior to the submission of the Final Scoping Report. The notes for the record will be added as an appendix to the Final Scoping Report that will be submitted to the DMR on the 14<sup>th</sup> December 2018, for their review and decision making. The Final Scoping Report will also be made available to the public for review and comment for a period of at least 30 days. The public will be encouraged to submit their comments directly to the DMR and to copy the EAP in the correspondence.

The Final Scoping Report will reflect changes in the specialist reports as a result of the input that has been received from the public. These specialist reports will also be attached as an addendum to the Final Scoping Report. It is important to note that the Scoping Report is mainly a desktop study aimed at providing baseline information of the receiving environment. The baseline information provides a point of reference for assessing impacts in the future. The Scoping Phase specialist reports will include the limitations of the study and outline the plan of study for the Environmental Impact Assessment (EIA) phase, in order to address the identified limitations. Subject to the acceptance of the Scoping Report by the DMR, detailed specialist studies will be undertaken during the EIA phase of the project.

Kindly note that the DMR will not make a decision to grant or reject the application for the Mining Right based on the Scoping Report. The decision to grant or reject the application for the Mining Right will be based on the review of the EIA studies, which constitute the next phase of the project. For ease of reference, kindly see below the environmental process that is being followed for this application:

- According to Section 22 (1) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) (MPRDA), any person who wishes to apply for a Mining Right must simultaneously apply for an Environmental Authorisation. An application for Environmental Authorisation is lodged according to the requirements stipulated in the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA). Mining is a Listing 2 activity, and as such triggers an application for Environmental Authorisation. Listing 2 activities are subject to full scoping and environmental impact reporting. The EAP is required to prepare a scoping report in accordance with Regulation 21 of the Environmental Impact Assessment (EIA) 2014 Regulations.
- The Scoping Report must include, but is not limited to, the following:
  - Baseline information on the receiving environment.
  - Identification of environmental sensitivities.
  - Assessment of impacts associated with project activities.
  - Recommendation of mitigation measures.
  - Details of the public participation process.
  - A plan of study for an EIA.
- The Competent Authority must within 43 days of receiving the Final Scoping Report, accept or reject the report, and instruct the EAP to proceed with the EIA phase. The Applicant must within a 106 days of the acceptance of the Scoping Report submit to the Competent Authority an Environmental Impact Report (EIR) inclusive of specialist studies and an EMPR, which must have been subjected to a public participation process of at least 30 days. The EIA phase considers: (1) the compilation of an EIR and (2) the development of an Environmental Management Programme (EMPR,) in accordance with Regulation 23 of the NEMA 2014 EIA Regulations. In addition to the information in the Scoping Report, the EIA must also set out the methodology used in assessing the impact, detailed reporting on the manner in which the physical, biological, social, economic and cultural aspects of the environment may be affected, an assessment of each identified potential significant impact amongst other information.
- Upon submission of the Final EIR and EMPR, the Competent Authority must within 107 days of receipt of the EIR and EMPR, in writing – (i) grant Environmental Authorisation in respect of all or part of the activity applied for; or (ii) refuse Environmental Authorisation.  
Should the application for an Environmental Authorisation be granted and an appellant wish to appeal the decision, the appellant must submit the appeal (the Appeal Questionnaire and Appeal and Response Form) to the appeal administrator. The Applicant must notify known interested and affected parties through the EAP, of the outcome of the application as well as their right to appeal the decision, within twenty (20) days from:
  - The date that the decision for an application for an Environmental Authorisation was sent to the registered interested and affected parties or
  - The date that the decision was sent to the Applicant

Figure 1 reflects the anticipated scope and time related to carrying out a full Scoping and EIA process in accordance with the NEMA 2014 EIA Regulations (as amended).



Granting of the Mining Right is subject to granting of the Environmental Authorisation. If the application for an Environmental Authorisation is rejected, the application for the Mining Right will be rejected simultaneously.

2. Silica /Dust Levels.

I am asthmatic and want to know what precautions are the mine going to put in place to prevent silica dust from reaching my house which is on the ridge directly opposite the mine. We have very high gusts of wind in our area and have already seen the dust storms generated by the mine. See attached photos.

There are other residents with asthma or breathing related problems living here permanently.

When the proposed open pit is established the dust storms will be much worse as the area exposed will be much bigger.

How many kilometres can Silica travel on wind? I am already seeing sand and I presume silica dust collecting on my patio after a dust storm.

During the air quality impact assessment dust fallout, inhalable particulate concentrations as well as inhalable silica concentrations will be quantified and dispersion modelling simulations undertaken to estimate ambient pollutant concentrations and dust fallout. Ambient pollutant concentrations will depend on the area being mined, the wind direction and the level of activity.

### 3. Noise pollution from mechanised equipment and vehicles.

Baseline noise measure provided by manufacturers are dependent on wind and distance from effected residences. Vaaloewer is a residential area but taking the aforementioned factors into account regarding wind and distance the air pollution and noise pollution would be greatly increased. Kingfisher Bend is situated directly opposite the proposed pump station.

Mechanised wash plant noise levels?

Mechanised rotary pan for alluvial diamond mining noise levels?

Mechanised pump stations?

Mechanised drying and screening plants?

Mechanised conveyor systems?

Trucks, Excavators and wheel loaders

All of these sources will be quantified and included in the noise source inventory and noise propagation simulations during the noise impact assessment phase of the study.

### 4. Air Quality.

Question was put to panel asking how many monitors had been put up in the study. The answer was one (1) as electricity was a requirement for the equipment. The monitor was situated at the Goosebay Canyon Eco and River Estate Camp and Chalet site, on the farm Woodlands 407, which is in an area with trees and vegetation, no monitors had been situated in Vaaloewer at all. There is no data in the scoping report measuring the air quality over a period of time to establish a more accurate picture of the impact on air quality. I raised the issue that one (1) monitor) and where it was situated was not a true indication of the Air Quality over 30 years as eventually the mine would have no vegetation and my house and all the other effected parties properties are subject to winds from the mine.

The one monitor was deployed to get a rough indication of baseline air quality in the study area compared to sampling results at the closest permanent monitoring stations (in Vanderbijlpark, Sebokeng, Orange Farm and Zamdela). Recommendations for the siting of permanent monitoring locations will be made based on the results of the air quality impact assessment and dispersion modelling simulations. These recommendations will then feed into EMP for the mine.

### 5. Ground water run off/ Floods

Maps indicate 7 areas where water runs towards the Vaal river. We have thunderstorms where excessive rain falls over a short period and will the proposed dams and run off channels prevent silica and sand from washing into the Vaal river and destroying the aquatic life or silting up the river?

The one monitor was deployed to get a rough indication of baseline air quality in the study area compared to sampling results at the closest permanent monitoring stations (in Vanderbijlpark, Sebokeng, Orange Farm and Zamdela). Recommendations for the siting of permanent monitoring locations will be made based on the results of the air quality impact assessment and dispersion modelling simulations. These recommendations will then feed into EMP for the mine.

6. How close to the existing river bank will mining be permitted?

These periods of high rainfall often result in flooding. The mine intends to mine 100 meters from the 100 year high flood line level. The Vaal River between Vaaloewer and Pure Source Mine runs in a natural canyon bordered at times by ridges on each side and therefore the 100 year flood line will be reflected in height rather than in distance and in effect the Pure Source will be mining 100 meters from the river bank and all of the above objections to Air Quality and Noise Pollution will be increased. The potential for soil erosion and pollution of the river greatly increased.

The proposed mining activities will be 100m from the 100 year floodline as the statement reflects. The results of the exact distance away from the river-edge have not yet been calculated, this will be completed in the final report.

7. Rehabilitation Stages

The maps provided in the scoping report show the proposed stages of mining and rehabilitation (Slide 2.2 on Page 12) They show the intention to mine for Sand/Silica and Aggregate between year 1-2 and at the same time the construction of the necessary building will be taking place. Rehabilitation will only start taking place of year 1-2 from year 3-5.

No mention is made of when the existing open area which is already creating massive sand storm will be rehabilitated.

According to Goosebay Farm (Pty) Ltd, rehabilitation of the relevant previously mined areas, has:

- Achieved an advanced stage, in that:
  - Bulk Earthworks and Fine Grading are virtually complete.
  - Planting and re-seeding of affected areas is underway.
  - The entire process is being monitored by an independent consultant, and conducted in accordance with his advice.
  - Been conducted in strict accordance with the directions of the DMR, in record time, pursuant to a visit to the Mine by DMR Officials (including the Regional Manager DMR Welkom - Mr A Mulaudzi), on the 12<sup>th</sup> of August 2018.

Should you require any further guidance with regards to this issue, please contact the DMR.

We were told that there are four stages to the rehabilitation process (Page 39) and that once the topsoil had been put back it could take up to 3 years for the grasses to reseed themselves and cover the open soil. Therefore, as I understand it from the initial year 1 when mining starts to the final rehabilitation of one mined strip it would take 5 years or more to possibly restore the environment to a level where the river regenerates and the flora and fauna are thriving again. The mine has a 30 year lifespan and we could then argue that the environment may be restored by 30 years working life plus 5 years for the final rehabilitation process, or by the year 2053. Will Monte Christo Commercial Park/Pure Source still be here or have sufficient funds in a Trust account to complete the rehabilitation in 2053.

According to the Financial Provision Regulations, an Applicant or Holder of a permit or right must determine and make financial provision to guarantee the availability of sufficient funds for the rehabilitation and remediation of adverse environmental impacts to the satisfaction of the Minister responsible for Mineral Resources. As such, an amount will be set aside for rehabilitation and closure for this project. A permit or right can only be granted once the Applicant makes the legal financial deposit. Kindly note that this legal financial deposit will be retained by the Competent Authority as guarantee as opposed to being utilised for rehabilitation. Should the Applicant successfully rehabilitate the land and obtain a Closure Certificate over the Mining Right area, then the Applicant will reclaim the legal financial deposit made prior to granting of the right by the Competent Authority. However, should the Applicant not rehabilitate the Mining Right area, then the Applicant stands to forfeit this legal financial deposit.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Best regards,**

## Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913



## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Tuesday, November 27, 2018 6:50 AM  
**To:** 'Mmakoena'; 'Scholtz, Carl (C)'; Carl Gmail  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; pennyly@mweb.co.za;  
jochen@shango.co.za  
**Subject:** RE: Pure Source Mine - Additional Public Consultation Notes for the Record

Good Day,

I refer your mail below.

Carl Scholtz attended the meeting and did not receive your mail. He is in copy. It appears he is not the only one.

Thus you will need to address this matter.

Please advise next steps,

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 26 November 2018 12:17 PM  
**To:** 'Gavin Aboud'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; 'Mariette Liefferink'; kobusvdwalt02@gmail.com; 'Sampie van Rooyen'; thabo.moloi@outa.co.za; 'St 757 Penny Ludoff'; 'Scholtz, Carl (C)'; 'Carl Gmail'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; azwihangwisi.mulaudzi@dmr.gov.za; Mashudu.Mulaudzi@dmr.gov.za; craigrichardson100@gmail.com; pennyly@mweb.co.za; jochen@shango.co.za  
**Subject:** RE: Pure Source Mine - Additional Public Consultation Notes for the Record

Dear Gavin,

I trust you are well.

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Tuesday, November 27, 2018 7:58 AM  
**To:** 'Mmakoena'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Mariette Liefferink'; Sampie van Rooyen; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** FW: Comments on the Shango meeting 10 November 2018  
**Attachments:** Shango meeting 20181110.pdf; PureSourceMine\_NotesForTheRecord\_20181122.pdf

Good Day Shango,

I refer your notes for the record attached.

I refer our comments attached in red to your statements.

I am afraid to say your record of events are shocking and will need to be reviewed and redistributed.

Firstly you continuously misspell Monte Christo in your document, please advise on correct spelling.

You refer to Mariette's organisation as the FSD. It is the FSE.

Various attendees have been completely ignored in your record of events, I refer Warrin flores, Dianne Stevens et al.

You need to revisit Mariette's comments, you have not accurately reflected these.

You present comment and arguments which were not tendered at the meeting, please remove.

Please work through our document and it will become abundantly clear that you have not captured the true essence on comments made. Please redo.

There are still many outstanding issues where no response has been received – how can you 'finalise' the comments if they are still waiting for input from various players. You give us a deadline and not them. This is not acceptable. So get comments from those people that are outstanding and redistribute

The maps should be redone on one per page so that they can be read and debated by the participants. We cannot make out what is going on here?

The way Shango is trying to rush this through to the DMR makes us very concerned that there is an ulterior motive which benefits the applicant at the expense of the I&Aps.

The one week you have given to this matter is unacceptable, review your time lines.

This matter is not being addressed with the attention it deserves and I will take this up with the DMR.

Gavin Aboud  
Chairman

Protect Vaal Eden Committee

083 281 5045



## Notes from the Public Meeting

10 November 2018

| Shango<br>Addendum from meeting   | Vaaloewer<br>Comments re addendum   |
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| <p><b>1.1 Introductions</b></p> <p>1.1. Introduction of Chairman, Expert Panel, Applicant, Vaaloewer Ratepayers Association key players and the Foundation for Sustainable Development (FSD, representative Ms Liefferink).</p> <p>1.2. Non-attendance of Mr van Wyk questioned by audience.</p> <p>1.2.1. His attendance would be appreciated in future meetings as the community has certain queries they would like to bring to his attention and also questions they would like to pose to him directly.</p> <p>1.3. No Ward Councillor present at meeting (although invited).</p> <p>1.4. The original meeting agenda was not endorsed by the attendees.</p> <p>1.5. It was agreed that (i) attendees can pose questions regarding the background and related matters before the actual presentation slides are shown (ii) questions can be posed during the presentation, (iii) the Questions and Answers session at the end remains.</p> | <p>It would have been more professional to detail the panel members up front here and not have to wait until the end of the report where their answers are given:</p> <p><b>Independent Chairman:</b> Dr David de Waal</p> <p><b>Applicant's representatives:</b></p> <ol style="list-style-type: none"> <li>1 Michael Cocks (accountant?)</li> <li>2 Robert Schimpers – Goosebay Farm Manager</li> <li>3 Dr Terence McCarthy</li> <li>4 No legal representative</li> <li>5 Mr van Wyk was not present</li> </ol> <p><b>Expert panel members:</b></p> <ul style="list-style-type: none"> <li>• Nick Grobler</li> <li>• Russel Tate/Michael Adams</li> <li>• Stephan Meyer</li> <li>• Pamela Sidambe</li> <li>• Russel Tate on behalf of Andy Pirie</li> <li>• Mader van den Berg</li> </ul> <p><b>Vaaloewer Ratepayers and Save Vaal Eden:</b></p> <ul style="list-style-type: none"> <li>• Mr Gavin Aboud</li> </ul> <p><b>Vredefort Dome Tourism/Vredefort Conservancy/Various NGOs:</b></p> <ul style="list-style-type: none"> <li>• Mr Warrin Flores</li> </ul> <p><b>Foundation for Sustainable Environment:</b></p> <ul style="list-style-type: none"> <li>• Ms Mariette Liefferink</li> </ul> <p><b>Shango:</b> Ms Zizo Siwendu</p> <p>Mr van Wyk has not attended any public participation meetings and the integrity of his representatives at these previous meetings has been questioned. This goes to the issue of trust.</p> |

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| <p><b>2.1 Establishment of House Rules</b><br/> 2.1. Work via the chairperson.<br/> 2.2. Everybody gets a fair chance.<br/> 2.3. Focus on the subject of the meeting.<br/> 2.4. One speaker at a time.<br/> 2.5. Be courteous.</p>  |  |
| <p><b>3.1 General</b> 3.1. The meeting was scheduled to commence at 10:00am.<br/> 3.1.1. The registration process (signing of attendance register) delayed the meeting for 25 min.<br/> 3.1.1.1. The attendees brought to Shango's attention that this is unacceptable and should be handled in a more efficient manner in the future.<br/> 3.2. Only 100 printouts of the presentation were available for distribution</p>   |  |
| <p>3.2.1. The attendees brought to Shango's attention that this is unacceptable as more attendees should have been expected.<br/> 3.3. The attendees criticised the visual quality of the presentation on the screen and the small font size. Shango increased the font size as per the instruction of the attendees.<br/> 3.4. The meeting closed at 03:05pm. The chairman pointed out that this was due to the slow registration process as well as the change in the agenda requested by the attendees.<br/> 3.5. The attendees agreed that the meeting provided them with an opportunity to ask questions.<br/> 3.6. The Applicant is accused of trying to confuse the public with the changes of names and in order to hide money.<br/><br/> 3.7. The Applicant is accused of currently mining illegally on the three farm portions under application (this is denied by the Applicant and it is pointed out that all mining activities ceased once the Mining Permits expired).<br/> 3.7.1. It was also brought to the meeting's attention that the applicant is performing rehabilitation work as instructed by the DMR.</p> | <p>Goosebay Mine<br/> Pure Source Mine<br/> Monte Cristo Commercial Park<br/> Not only hiding money, but trying to get approval for illegal activities</p> <p>We have not seen any evidence of this rehabilitation so cannot pass an opinion about what is involved.</p> |
| <p>3.8. The location of the meeting venue was criticised as<br/> 3.8.1. Shango is accused of choosing this venue to dilute the opposition.<br/> 3.8.2. The choice of a venue so far away from Vaaloever is seen as another devious effort by Shango.</p>  |  |

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| <p>3.9. The quality of life has been and will be compromised by the mining operation(s).</p> <p>3.9.1. Several residents moved away from polluted areas to find quality of life along the banks of the Vaal River.</p> <p>3.9.2. According to the residents, the air was always good without the sand mines.</p> <p>3.9.3. The attendees are encouraged to review the Issues and Responses Report (part of Scoping Report) and ensure all comments are included.</p> <p>3.10. The presentation provided during the meeting is attached as Appendix 1.</p> <p>3.11. A copy of the attendance register is attached as Appendix 2.</p> <p>3.12. The video recordings of the meeting can be accessed from the Shango Solutions website (<a href="http://www.shango.co.za/public-documents/pure-source-mine/">http://www.shango.co.za/public-documents/pure-source-mine/</a>).</p> <p><b>4.1 Main Points Clarified</b></p> <p>4.1. Mining Right Applicant: Monte Christo Commercial Park (Pty) Ltd.</p> <p>4.2. The mine will operate as Pure Source Mine.</p> <p>4.3. Overall application area: 858.5825 ha. However, only 363.5 ha demarcated for mining (and infrastructure).</p> <p>4.4. Mining Right vs Mining Permit.</p> <p>4.5. The potential for diamonds has been established by Dr. Tanja Marshall, South Africa's leading expert in</p> | <p>Many of the residents had lived in cities with their noise, dust pollution.</p> <p>Many of the residents have been in Vaaloewer in excess of 20 years and up to now, the quality of the air had always been good.</p> <p><b>This report does not contain all the comments made during the meeting.</b></p> <p>The slides which have 4 maps per slide are unclear and it is a question of whether Shango did not want the participants to be able to evaluate the maps in detail.</p> <p>There is no way that we are going to sit through another 5 hours of video to try and ascertain what has been left out of the recordings.</p> <p>Please ensure that the correct spelling of the applicant is used.</p> <p>Is this the correct spelling of the applicant? Monte Christo Commercial Park (Pty) Ltd versus Monte Cristo Commercial Park (Pty) Ltd</p> <p>The mine will operate/trade as Pure Source Mine. Yet another name for the same operation.</p> <p>This point has not been clarified and the answers given to the questions raised are still not clear.</p> <p>This has not been described fully – especially what has to be in place for the mining to commence.</p> <p><b>This was NOT discussed at all so the audience was not able to question</b></p> |
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| <p>alluvial diamond deposits. Prospecting for the diamonds will be conducted simultaneously to open pit mining (same areas).</p>   | <p>the author of the study – Dr Tanja Marshall.<br/>This report is a result of desk research and is therefore totally inappropriate to include in such a document which purports to reflect question/answer session.</p>   |
| <p><b>5.1 Concerns Raised by Attendees (please refer to the video recordings on Shango's website (<a href="https://www.shango.co.za/public-documents/pure-source-mine/">https://www.shango.co.za/public-documents/pure-source-mine/</a>) for exact wording and source)</b></p> <p>5.1. The historic performance and non-compliance of Winners Point Pty Ltd (regarding Mining Permits) sets a precedent for the way forward and the proposed mining right application.</p> <p>5.1.1. It was pointed out several times that the good faith has been disrupted and lost.</p> <p>5.2. Shareholders of the various companies that have operated on the same piece of land should be disclosed (public information)</p> <p>5.2.1. The Integrated Water Use Licence Application is to be made available to the public as well (also represents public document)</p> <p>5.3. Specialists have not been on site and are not well informed about the area and location of settlements.</p> <p>5.4. Advice was given to the Expert Panel to conduct work ethically and get paid up front.</p> <p>5.5. Shango displays a dictatorial approach when dealing with the public, as the Public Meeting was scheduled for a Wednesday. Mr Aboud contacted the DMR Regional Manager to enforce an additional public meeting on a Saturday.</p> <p>5.6. Shango's interest to adhere to schedules as outlined in NEMA was criticised, as it prevents IA&amp;P's to study the Draft Scoping Report in detail.</p> | <p>This refers to the distrust that the audience has for Mr van Wyk and is just another example of how he behaves.</p> <p>This is critical as there have been so many company name changes but it would appear that directors are always the same</p> <p>Still not provided</p> <p>The areas affected include Vaaloeweer, Vaal Eden, Lindequesdrft and the informal settlement bordering Vaaloeweer.</p> <p>This was not an additional public meeting but was a rescheduling of the original meeting for the Wednesday.</p> <p>It is critical that I&amp;APs read and understand the implications of what the Applicant is trying to achieve – relates back to the lack of trust in Mr van Wyk. The outcome of such an investigation will affect many people</p> |

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| <p>5.6.1. It was pointed out that I&amp;AP's can request an extension of the review period from the DMR.</p> <p>5.7. The FSE has requested documentation related to the Mining Permits from the Applicant. To date no information has been provided. This non-transparent approach by the Applicant is criticised and seen as unlawful.</p> <p>5.8. The Applicant was accused of not having applied for a Closure Certificate (for the Mining Permit areas) within 180 days as Section 43 of the MPRDA stipulates.</p> <p>5.8.1. The Applicant has a legal obligation to rehabilitate.</p> <p>5.9. Little confidence exists that the proposed mitigation measures outlined in the Draft Scoping Report will be implemented.</p> <p>5.10. The Applicant should ensure not to intimidate or threaten any whistle-blowers.</p> <p>5.10.1. Ms Liefferink refers to Section 31 of NEMA (Act 107 of 1998): Access to environmental information and protection of whistle-blowers.</p> <p>5.11. Drone footage of application area and current rehabilitation is shown to attendees by Ms Liefferink. The audience insists that the images show mining activities.</p> | <p>for a prolonged length of time (could be up to 30 years if the applicant is successful) and Shango are telling us that we must adhere to their timetable and have one (1) week to do this.!!</p> <p>The I&amp;APs will definitely request an extension from the DMR as there are so many major discrepancies in the minutes of the Public meeting.</p> <p><b>Still waiting for documentation.</b><br/>Once again this behaviour by the applicant, makes the I&amp;APs very uncomfortable and once again the issue of trust was raised.</p> <p><b>Is this not a criminal offense?</b><br/>If this is how the applicant behaves before doing open cast mining (far more damaging to the environment than strip mining) there are serious doubts about the integrity of the applicants' ascertainment that rehabilitation will be done.</p> <p>The panel agreed with Ms Liefferink that even if mitigation measures were implemented (which there is a doubt about these being implemented) the risk profile is still high</p> |
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| <p>5.12. It was pointed out that the Environmental Assessment Practitioner (EAP, Shango in this case) is supposed to be independent. The term notionally independent is utilised by attendees.</p> <p>5.13. It was pointed out that the Public Participation is a two way conversation and the process is supposed to be a balancing mechanism.</p> <p>5.14. The end land-use in the form of an Eco Estate is to be aligned with the needs of the surrounding landowners (this is also required by the EIA process).</p> <p>5.15. It is a legal requirement that a trust account is set up as a rehabilitation fund.</p> <p>5.16. The Biodiversity Company representatives pointed out the following:</p> <p>5.16.1. The resource distribution areas consider their scoping phase findings (reduced mining extent).</p> <p>5.16.2. It is important to note that new buffers might be required to be implemented.</p> <p>5.16.3. The following buffers have been applied to protect the Vaal River (1:100 year floodline plus additional 100 m buffer).</p> <p>5.17. The mitigation measures detailed in the draft scoping report are "...too fluffy..." and the audience assumed that they will not be taken into consideration once mining commences.</p> <p>5.18. The matter of breathing in very small ("respirable") crystalline silica particles by the residents was raised as it may cause cancer and residents will die.</p> <p>5.19. Noise pollution and dust nuisance were the main issues raised by several attendees.</p> <p>5.20. The poor state of the S171 and Boundary Road was raised several times.</p> <p>5.20.1. The roads and bridges (especially the low water bridges) currently utilised by trucks hauling sand are not built for this usage.</p> | <p>Once again the independence and impartiality of Shango was questioned</p> <p>The I&amp;APs are not convinced that this is actually the case.</p> <p>It was pointed out that this fund needs to be established prior to operations and the developer has to have sufficient funds to be deposited in a trust account. This fund cannot be funded out of operations.</p> <p>There is a problem with reading the maps attached as Appendix 2 as Shango has included 4 maps per page and it is impossible to read these maps accurately. for example the buffer zones indicated on one of the maps</p> <p>It is recognised that silica is extremely dangerous and when these are mixed with the dust and there is a dust storm, residents do not have any protection against breathing in the silica particles</p> <p>A road report for the S171 is still outstanding and this is still yet another example of data which is supposed to be provided to the</p> |
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*adjusted. The more relevant assessment part of the section is, however, clear. It concludes that "... it stands to reason that the relatively small scale of the project would not contribute substantially to property demand thereby supporting only marginal value increases if any at all." This highly tentative conclusion is accurate at this stage of desktop assessment for scoping and will be considered further in the assessment phase.*

5.24.3. Overall current value of all properties in the area: 1.5 Billion ZAR.

5.25. The zoning of the property and the correctness for mining activities is being questioned.

5.26. Boating activities will be affected by the sand mine.

5.26.1. There is an apparent decrease in boating numbers and trips.

5.27. Dust suppression should be conducted 24/7 as the effects will be bad otherwise.

5.28. The importance (for tourism, environment, employment opportunities) of the Vredefort Dome World Heritage site on the surrounding areas is pointed out.

5.28.1. The tourism is already established and the mining will have a negative effect.

5.28.2. Tourism crosses all sectors, whereas mining fails to do so.

5.28.3. Facts regarding the importance of the tourism sector for South Africa and the Gauteng Province are presented to the meeting.

5.28.4. The cumulative factors of all three mines together should be assessed.

The land where the mining is anticipated is presently zoned as agriculture and not for mining.

Dust suppression has to be managed on a constant manner to ensure that it is effective. Spraying with water on an irregular basis is not acceptable as the ground dries out and dust will be created

Mr Warrin Flores gave a comprehensive discussion of the pros and cons of mining versus tourism and these comments have been excluded from this report

This is not acceptable

When evaluating the application from Mont Cristo, it is necessary to consider the fact that there are already 3 mines in this area (Goosebay/Monte Cristo/Pure Source (1)/Tja Naledi (2)/ Sweet Sensations(3). The cumulative effect of all these mines must be taken into account. And, what happens when other mines apply for licences to operate.

5.28.5. Comment that a certain species of Owl (that migrates to North Africa) might not return to the area due to current mining activities.

5.28.5.1. The specialists have completed an initial review of all avifaunal species that are known to occur, or that may occur in the project area. A number of owl species are known to occur in the area, including two threatened species (the African Grass Owl and the Verreaux's Eagle Owl). It is not known to which exact owl species the respondent is referring. However, all species will be considered for the purposes of this assessment with a specific focus on threatened or endangered species. Suitable habitat for this species was found in some of the wetland areas. These areas were part of the wetland areas that were already excluded from mining in order to protect these habitats.

5.28.6. Comment that the correct floral species need to be used during rehabilitation process. t

**6.1 Summary of Specialist Presentations**

**6.1. Air Quality Baseline Information (Nick Grobler, Airshed, please refer to presentation slides).**

6.1.1. Sensitive receptors have been identified.

6.1.2. Existing sources of emission in the area include the following (i) mining activities, (ii) vehicle tailpipe emissions, (iii) domestic fuel combustion, (iv) biomass burning (veld fires) and (v) various miscellaneous fugitive dust sources (agricultural activities, wind erosion of open areas, vehicle-entrainment of dust along paved and unpaved roads).

6.1.3. Prevailing wind is from Vaalower towards the mining area. On average, air quality impacts are expected to be slightly more notable to the south of the project activities.

**6.2. Noise Baseline Information (Nick Grobler, Airshed, please refer to presentation slides).**

6.2.1. Current noise levels are typical of rural areas.

6.2.2. Severe noise mitigation measures will be required.

6.2.3. Recorded day-time LReq,d at all sampling locations during the day-time survey are similar to those given in SANS 10103 as typical for rural districts (45 dBA).

6.2.4. Recorded night-time LReq,n = sampling locations 1, 4 and 5 are typical for rural districts at 35 dBA as prescribed by SANS 10103.

6.2.5. Recorded night-time LReq,n at sampling locations 2 and 3 are however more akin to those typical for urban districts (45 dBA) as prescribed by SANS 10103.

6.3. *Biodiversity Baseline Information (Russel Tate and Michael Adams, The Biodiversity Company, please refer to presentation slides).*

6.3.1. Future work will include the compilation of (i) a surface water management plan and (ii) the water balance.

6.3.2. Baseline information is based on studies conducted during the winter months, and the summer studies will commence in the next week.

6.3.3. The applicant excluded ridge areas from resource areas as these are protected areas when considering Gauteng legislation (although the application area is located in the Free State Province, no similar legislation exists but applicant chose conservative route by excluding these areas).

6.3.4. The public is invited to provide details on observed species (including photos).

6.3.5. The riverine ecology assessment reveals that the aquatic fauna lacks diversity.

6.3.6. The desktop data for the Vaal River C23B-01731 Sub Quaternary Reach considered in this assessment indicates that the Present Ecological Status (PES) of the watercourse is Largely Modified (class D).

6.3.7. Quality deterioration, of the Vaal River in the form of excessive sewerage input is outlined to the audience.

6.3.8. The default ecological category of the Vaal River was rated as Largely Natural (class B).

6.3.9. The catchment of the watercourses in the application area is not National Freshwater Priority Area (NFEPA).

6.3.10. The proposed project is largely outside the delineated riparian and floodline buffer zones.

6.3.11. The topographical river line data for quarter degree square "2627" indicates six major river lines flowing from inland towards the Vaal River.

6.4. *Geohydrology and Waste Classification Baseline Information (Stephan Meyer, Noa Agencies, please refer to presentation slides).*

6.4.1. Initial hydrocensus identified 20 sites and 11 groundwater samples were collected for water quality analysis.

6.4.2. The groundwater levels varied from 2.5 m to 7 m across the proposed mining area, to a maximum depth of 20.5 Meters Below Ground Level.

6.4.3. The sampled groundwater is currently not showing any negative impacts associated with the historical mining activities of the application area or at the neighbouring sand mine operations.

6.4.4. Samples in proximity and in the river show

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| <p>elevated <i>E. coli</i> concentrations.</p> <p>6.4.5. Future work will include (i) geohydrological model and simulations and (ii) waste classification.</p> <p>6.4.6. Water supply has been identified as a key challenge.</p> <p>6.5. <i>Social Baseline Information (Pamela Sidambe, Umsizi Sustainable Social Solutions, please refer to presentation slides).</i></p> <p>6.5.1. Social Impact Assessment based on the Municipalities' Integrated Development Plan (IDP), Mining Work Programme (MWP) and Social and Labour Plan (SLP).</p> <p>6.5.2. Positive impacts of the proposed mine include: (i) employment opportunities for qualified and non-qualified workers, (ii) business opportunities and (iii) the opportunity for skills development.</p> <p>6.5.3. Negative impacts of the proposed Mining Right include (i) noise, (ii) dust, (iii) safety and security issues, (iv) loss of sense of place and (v) poor state of the roads.</p> <p>6.6. <i>Visual Baseline Information (Russel Tate presented on behalf of Andy Pirie, please refer to presentation slides).</i></p> <p>6.6.1. Within a 5 km radius of the application area, the region can be broadly divided into three categories: (i) agricultural areas: crop and livestock agriculture are the dominant land use in the area, (ii) residential areas: housing developments occur mostly along the Vaal River and (iii) sand mining activities.</p> <p>6.6.2. The removal of vegetation will expose the Project to sensitive visual receptors, particularly those located on elevated areas surrounding the Project. This will result in an altered sense of place.</p> <p>6.6.3. Dust generated is likely to create a visual disturbance.</p> <p>6.7. <i>Planned Rehabilitation Methodology (Mader van den Berg, Skets Architecture and Planning, please refer to presentation slides).</i></p> <p>6.7.1. Presentation slides utilised to explain step-by-step process of rehabilitation and land allocation</p> <p>6.7.2. Presentation of end use: Eco Estate</p> |  |
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| <p><b>7.1 Comments/Recommendations to Specialist Panel and EAP by Ms Lieferink</b></p>   |  |
| <p>7.1. NEMA weights science (as presented by experts) and local knowledge equally.</p> <p>7.1.1. Specialists are asked to please make use of local</p>  |  |

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| <p>knowledge and to consider it in reports.</p> <p>7.2. It is impossible to restore the original environment after mining activities ceased.</p> <p>7.2.1. An agreed upon, sustainable land use with sustainable resources should be defined.</p> <p>7.3. It is recommended that the full spectrum of metals be tested in the water samples going forward.</p> <p>7.4. Efforts of the biodiversity study are acknowledged.</p> <p>7.5. Consider the differentiation between ambient noise and intrusive noise (&gt;7dB).</p> <p>7.6. Dust fallout at residential areas should not exceed 600 mg/m<sup>2</sup>/day while dust fallout at non-residential locations should not exceed 1200 mg/m<sup>2</sup>/day as per the National Dust Control Regulations.</p> <p>7.7. The Biodiversity Company representatives are thanked for their honest comment in the specialist report (forms part of scoping report) regarding the wetlands.</p> <p>7.7.1. If mitigation measures are not properly implemented, this will represent a fatal flaw of the project.</p> <p>7.8. What is the loss in economic value considering a loss of sense of place?</p> <p>7.9. What are the impacts on the poor communities in proximity to the mining right application area?</p> <p>7.10. A study to assess the best practical environmental option for the area (eco-tourism vs. agriculture vs. mining) is required.</p> <p>7.11. The specialists are to assess the cumulative impacts on the Vaal River as it is already stressed, especially with regards to the increased solids and volumes of water required by the applicant.</p> <p>7.12. The visual assessment should concentrate on the original tranquil sense of place vs the barren sense of place (caused by mining activities).</p> |   |
| <p>7.13. A cost benefit analysis is requested.</p> <p>7.14. The loss to the environment is to be evaluated.</p> <p>7.15. The strategic importance of sand and gravel has not been established. Therefore establishing a mine in a peaceful environment is not justified.</p> <p>7.16. Minutes of this meeting are to be distributed prior to inclusion in the Issues and Responses Report.</p> <p>7.17. Provide Ms Liefferink with a copy of the (Integrated) Water Use Licence Application</p>   |   |
| <p><i>8.1 Questions posed during meeting and not answered (Please note duplication with items detailed in Section 7.1. Note that it was agreed upon that the notes for the record will include answers to the posed questions).</i></p> <p><i>8.1. Applicant: (no answers have been received from the applicant)</i></p> <p>8.1.1. Who are the directors and shareholders of Monte</p>  | <p>The following questions have not been answered by the applicant and therefore could not be debated. Until such time that the answers are received this is incomplete</p> |

Christo Commercial Park (Pty) Ltd?

Full disclosure and transparency is requested.

8.1.2. Will a trust account be set up for the rehabilitation costs and will the applicant have the financial means?

8.1.3. Who will be employed?

8.1.4. How much money has been spent on rehabilitation to date and on what rehabilitation activities? How does this amount compare to the rehabilitation fund set aside before the mining of the Mining Permits commenced?

8.1.5. Do pumping and treatment of water form part of operational costs?

8.1.6. Please provide the Environmental Authorisation for the Eco Estate.

8.1.7. Please provide the volumes of water required by the Applicant.

*8.2. Legal Advisors: (no answers have been received from the legal advisors of the applicant)*

8.2.1. The application covers three portions of Woodlands 407. Is it therefore required to have three separate applications and processes?

8.2.2. Was this additional meeting legal as it was held in Gauteng, although the application areas are situated in the Free State Province?

8.2.3. Scenario: landowner across the river claims that three buildings recently built have developed cracks because of the mining activities. How will he claim from the mine for the damages?

8.2.4. Is the current zoning of the property supporting mining activities? If not when does the zoning have to be changed?

*8.3. Civil/Mining Engineer:*

8.3.1. Are the settling ponds silicon/silica based?

*Answer by Civil/Mining Engineer pending. However, settling ponds are usually concrete structures (or lined earth works), designed and operated so that nonpoint water pollution is minimised and water quality protected.*

*8.4. Geological Consultant:*

8.4.1. Where are the diamonds located?

*Answer (Dr Tania Marshall): During the period 1922-1926, some 25,000ct are recorded as having been recovered from five farms located on the northbank of the Vaal River in the vicinity of Woodlands. The largest number of diamonds recorded historically (+13,000ct), were recorded from the farm Zeekoeifontein, which is located directly across the river from Woodlands, in the*

This was not discussed during the session and therefore no questions/comments/disagreements could be raised. This should be excluded from the proceedings



meander bend where Vaaloewer is situated today. During a site visit in mid-June 2018, I visited the banks of the Vaal River across from Zeekoeifontein and noted the presence of "diggers heaps" and an old plant-site. The spoil heaps comprise rounded to well-rounded, pebble-cobble size, alluvial clasts that could, conceivably, date back to the mid-1920's. These "diggers heaps" prove that diamonds were recovered from the Woodland property, likely at the same time that diamonds were being mined elsewhere in the vicinity. The implication is that alluvial diamond deposition is associated with the palaeochannel that deposited the sand. In a meandering river system, such as the Vaal is seen to be at this location, the coarse-grained (gravel) units occur as channel lag deposits overlain by finergrained, sandy point bar deposits. The point bar deposits would represent the silica sand deposits that are currently being mined on Woodlands, and the channel lag deposits would be the priority target for alluvial diamonds. The channel lag occurs as a relatively thin, noncontinuous unit located on the bedrock at the base of the sand deposit. Consequently, prospecting for this unit would be concentrated within the sand units that are already part of the mine plan. The north pit is the primary exploration target, with the main sand pit to the south being the secondary target.

**8.4.2. Why are no contour maps of the basement available?**

*Answer (Stefanie Weise): The exploration activities conducted during the prospecting phase have established the thicknesses for the sand resource. Surface pits established the overburden thickness, the gravel characteristics and both the competency and the depth of the bedrock. During the diamond exploration activities the base of the sand deposit will be exposed and further investigated.*

**8.5. Social Impact Practitioner:**

**8.5.1. Will there be an assessment regarding the employment that will be lost due to the mining operation (e.g. in the tourism sector, domestic work)?**

*Answer (Pamela Sidambe): This assessment will be conducted during the EIA phase of the project.*

**8.5.2. The specialist is requested to test what the best practical environmental option is. The balancing of negative impacts and short term positive social impacts needs to be taken into account.**

*Answer (Pamela Sidambe): This assessment will be conducted during the EIA phase of the project.*

**8.6. Health Professional/Air Quality Specialist:**

**8.6.1. What will the effects of silica particles be on the residents?**

*Answer (Nick Grobler): Alpha quartz (silica) concentrations will be modelled and assessed against international health screening criteria during the full air*

The following questions were put to the panel but have not been recorded at all. This is totally unacceptable as it is to the detriment of the I&APs and questions the integrity of Shango.

1. Time Frame for I&AP's to respond to the minutes of the meeting, and question raised as to whether the questions raised would be answered by the relevant expert consultants

quality impact assessment.

8.6.2. Can we expect any other health implications?

*Answer (Nick Grobler): Ambient particulate and gaseous concentrations due to the mining operations will be assessed during the air quality impact assessment.*

and amended in the scoping report.

Shango Solutions said that the minutes of the meeting would be sent to the I&AP's and also to the DMR but only as addendum to the existing scoping report but that no changes would be made in the report.

I feel this has negated the process of having a Public Participation Meeting if the questions raised by the affected public who attended the meeting are not thoroughly researched by the relevant consultant and a new scoping report is presented to the I & AP's.

The I & AP's were informed by Shango that they had a deadline of 14<sup>th</sup> December 2018 to submit their report and could/would not deviate from this. A decision will be made by DMR on an issue that will affect people for the next 35 to 40 years and this should not be rushed. We feel Shango Solutions acting in the favour of the mine owner and to the detriment of the I&AP's.

In the interests of fairness towards our community, I appealed for additional time for lay people and for our committee members to peruse the minutes and responses from Shango to the numerous questions raised and for a new Scoping Report to be drawn up with a new Public Participation Meeting

## 2. Silica /Dust Levels.

I am asthmatic and want to know what precautions is the mine going to put in place to prevent silica dust from reaching my house which is on the ridge directly opposite the mine. We have very high gusts of wind in

our area and have already seen the dust storms generated by the mine. See attached photos.

There are other residents with asthma or breathing related problems living here permanently.

When the proposed open pit is established the dust storms will be much worse as the area exposed will be much bigger.

How many kilometres can Silica travel on wind? I am already seeing sand and I presume silica dust collecting on my patio after a dust storm.

### 3. Noise pollution from mechanised equipment and vehicles.

Baseline noise measures provided by manufacturers are dependent on wind and distance from effected residences. Vaalower is a residential area but taking the aforementioned factors into account regarding wind and distance the air pollution and noise pollution would be greatly increased. Kingfisher Bend is situated directly opposite the proposed pump station.

Mechanised wash plant noise levels?

Mechanised rotary pan for alluvial diamond mining noise levels?

Mechanised pump stations?

Mechanised drying and screening plants?

Mechanised conveyor systems?

Trucks, Excavators and wheel loaders

Air Quality.

Question was put to panel asking how many monitors had been put up in the study. The answer was one (1) as electricity was a requirement for the equipment. The monitor was situated at the Goosebay Canyon Eco and River Estate Camp and Chalet site, on the farm Woodlands 407, which is in an area with trees and vegetation, no monitors had been situated in Vaaloewer at all. There is no data in the scoping report measuring the air quality over a period of time to establish a more accurate picture of the impact on air quality. I raised the issue that one (1) monitor) and where it was situated was not a true indication of the Air Quality over 30 years as eventually the mine would have no vegetation and my house and all the other effected parties properties are subject to winds from the mine.

4. Ground water run off/ Floods

Maps indicate 7 areas where water runs towards the Vaal river. We have thunderstorms where excessive rain falls over a short period and will the proposed dams and run off channels prevent silica and sand from washing into the Vaal river and destroying the aquatic life or silting up the river?

5. How close to the existing river bank will mining be permitted?

These periods of high rainfall often result in flooding. The mine intends to mine 100 meters from the 100 year high flood line level. The Vaal

River between Vaaloewer and Pure Source Mine runs in a natural canyon bordered at times by ridges on each side and therefore the 100 year flood line will be reflected in height rather than in distance and in effect the Pure Source will be mining 100 meters from the river bank and all of the above objections to Air Quality and Noise Pollution will be increased. The potential for soil erosion and pollution of the river greatly increased.

#### 6.Rehabilitation Stages

The maps provided in the scoping report show the proposed stages of mining and rehabilitation (Slide 2.2 on Page 12) They show the intention to mine for Sand/Silica and Aggregate between year 1-2 and at the same time the construction of the necessary building will be taking place. Rehabilitation will only start taking place of year 1-2 from year 3-5.

No mention is made of when the existing open area which is already creating massive sand storm will be rehabilitated.

We were told that there are four stages to the rehabilitation process (Page 39) and that once the topsoil had been put back it could take up to 3 years for the grasses to reseed themselves and cover the open soil. Therefore, as I understand it from the initial year 1 when mining starts to the final rehabilitation of one mined strip it would take 5 years or more to possible restore the environment to a level

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|---|--|
|   | <p>where the river regenerates and the flora and fauna are thriving again. The mine has a 30 year lifespan and we could then argue that the environment may be restored by 30 years working life plus 5 years for the final rehabilitation process, or by the year 2053.</p> <p>Will Monte Christo Commercial Park/Pure Source still be here or have sufficient funds in a Trust account to complete the rehabilitation in 2053.</p> |
| <p><b>8.7. Traffic Specialist:</b><br/> <b>8.7.1. Incorporate report stating the poor state of the road (provided by residents) into scoping phase report. A road assessment should be performed.</b><br/> <i>The report provided has been forwarded to Leon Roets (Siyazi Transportation Services Free State (Pty) Ltd) for consideration.</i></p> <p><b>8.8. Economic/Social Specialist:</b><br/> <b>8.8.1. What is the loss in economic value considering a loss of sense of place? A cost benefit analysis must be conducted as we need to understand the opportunities that might be lost. Wouldn't the best value for this are be tourism, eco-tourism and agriculture, but not mining?</b><br/> <i>Answer (Dr Hugo van Zyl): Regulation 50 (d) of the Mineral and Petroleum Resources Development Regulations states that a sustainable development cost-benefit analysis be conducted to determine the best use of alternative land options. To this end, all the sustainable development impacts (social, economic and environmental ) need to be listed and equitably weighed up against one another to determine the best land-use for this and the next generation. Furthermore, in terms of the principles of the National Environmental Management Act (NEMA), the Environmental Assessment Practitioner (EAP) should evaluate the Best Practicable Environmental Option (BPEO). The BPEO, as defined in NEMA, means the option that provides the most benefit or causes the least damage</i></p> | <p>Although this report has been forwarded to Leon Roets, no response has been received. Once again, how can this scoping exercise proceed when responses have not been received from many of the players.</p>   |

to the environment as a whole, at a cost acceptable to society, in the long-term as well as in the short-term. As such, a sustainable development cost-benefit analysis will be conducted during the Environment Impact Assessment (EIA) phase of the project. Land uses that will be considered in the assessment include mining, agriculture and eco-tourism/tourism.

8.8.2. What are the impacts on the poor communities in proximity to the mining right application area?

*Answer (Dr Hugo van Zyl): Impacts on both lower income and relatively higher income communities will be assessed in the economic and also more specifically in the social specialist studies. In addition, the other specialist studies such as the air pollution, noise and visual studies will assess impacts on sensitive receptors including lower income communities as relevant.*

8.8.3. A study to assess the best practical environmental option for the area (eco-tourism vs. agriculture vs. mining) is required.

*Answer (Dr Hugo van Zyl): A sustainable development cost-benefit analysis will be conducted during the EIA phase of the project.*

8.8.4. The cumulative factors/effects on tourism of all three mines combined should be assessed.

*Answer (Dr Hugo van Zyl): The cumulative impacts on tourism of all three mines combined will be assessed during the EIA phase.*

**8.9. Wetland Specialist:**

8.9.1. Has the effect of the 7 drainage lines, as identified during the desktop study been considered during (heavy) rain events?

*Answer (Michael Adams): Yes, the drainage lines were identified by the wetland specialist based on desktop analysis and in-field analysis. The proposed mine will not discharge water into any of these drainage lines and as such, even during heavy rainfall events, no pollutants from the mine are envisaged to enter these areas and therefore drain into the Vaal River.*

*The mine works plan has been amended to exclude these and other wetland areas.*

*Answer (Russel Tate): The drainage lines have been considered in the assessment. A buffer, where no activities can take place will be established around the drainage lines. This will reduce the potential for the flooding of the mine during high rainfall events. In addition, the 1:100 year floodlines of the Vaal River was delineated and will also be used to identify the flooding potential of these systems.*

8.9.1.1. Is there a possibility that there is run-off from the mines along these drainage lines?

*Answer (Michael Adams): The proposed mine will not discharge water into any of these drainage lines and as such, even during heavy rainfall events, no pollutants from the mine are envisaged to enter these areas and*

therefore drain into the Vaal River. The mine works plan has been amended to exclude these and other wetland areas.

*Answer (Russel Tate):* There is a potential for surface water runoff from the active mining areas to drain into these drainage lines. The surface water runoff on the mining areas will however be managed effectively through the implementation of the Surface Water Management Plan to ensure that only clean water enters the drainage lines.

**8.9.1.2. Will the silica land up in the river?**

*Answer (Nick Grobler):* The river will be included in the assessment of dust fallout impacts. It should be noted that silica is only harmful when inhaled and is not harmful if it lands up in the river.

*Answer (Michael Adams):* The specialist can only comment on this as it relates to wetlands and flow of water and not on the possible effects of wind-blown silica entering the drainage lines and Vaal River. As mentioned, the current drainage lines and wetland areas have been excluded from the mine works programme and therefore it is envisaged that no significant levels of silica (above normal levels) will enter the Vaal River. The Geohydrological assessment will also inform this process.

*Answer (Russel Tate):* As described above in point 8.9.1.1, a Surface Water Management Plan will be established and will negate the movement of dirty water into the drainage lines or river systems.

**8.10. Air Quality Specialist/Ecologist:**

**8.10.1. Will the dust fallout impact on the food chain and fishes?**

*Answer (Nick Grobler):* Dust fallout on animals and vegetation will be qualitatively assessed. It should be noted that alpha quartz (silica) is only harmful when inhaled and is not considered harmful through ingestion or dermal contact.

*Answer (Russel Tate):* The effect of silica on freshwater organisms, based on toxicity exposures, is considered to be a low order of toxicity and therefore classified as having a low hazard profile. Effect concentrations have only been observed between 210 mg/l and 1 700 mg/l. These are considered to be very high concentrations of silica and the proposed project will likely not result in the formation of these artificially high concentration solutions.

**8.10.2. Impacts of dust on fauna and flora.**

*Answer (Michael Adams):* Yes, excessive levels of dust may have potential negative direct and/or indirect impacts on fauna and flora. The effects of dust generated due to traffic on gravel roads for example, is well documented. Dust most often affects plant species close to the source of dust. This can have an impact on floral species composition in an area and therefore in



turn can impact on faunal assemblages or food resources. The potential impacts of dust will be assessed in the final scoping report, and will be informed by the results of the air quality specialist and whether or not dust levels are expected to be higher than standard parameters.

**8.11. Air Quality Specialist:**

8.11.1. Eskom has sample points 100km away from power stations. How far away will monitoring stations be positioned from the proposed sand mined?

*Answer (Nick Grobler): The Eskom monitoring stations are located based on the area of impact from the elevated power station stacks, which are much further from the source than mining operations would impact. Recommendations for monitoring stations will be based on dispersion modelling results, but will usually be at the closest sensitive receptor locations for ground level releases such as mining activities.*

**8.12. Noise Specialist:**

8.12.1. Winter vs. summer noise levels to be considered.

*Answer (Nick Grobler): It is noted that baseline noise levels are much lower in winter due to the absence of insects, this will be considered during the noise impact assessment.*

**8.13. Rehabilitation Specialist:**

8.13.1. What types of grasses will be utilised for rehabilitation? The correct floral species are to be utilised during the rehabilitation process

*Answer (Michael Adams): The specialists agree that it is vitally important that the correct floral species be used for rehabilitation measures and recommendations for the correct species to be used will be made in the final report.*

*Answer (Mader van den Berg): The rehabilitation plan will recommend the planting of commercially available grass seeds that will aim at improving the grazing potential for the benefit of the game on the farm. The seed mixture will be chosen based on its suitability for the region and may consist, but is not limited to the following species; Eragrostis teff (an annual cover crop that quickly germinates to prevent erosion), Eragrostis curvula, Digitaria eriantha, Chloris gayana and Panicum coloratum. The planting time will be crucial and if necessary, a temporary winter grass may be planted if irrigation is available. Typically, Aventa sativa could be considered as an annual winter grass.*

8.13.2. Please ensure that the rehabilitation activities for year one to three are clearly outlined.

*Answer (Mader van den Berg): Year 1 of the mine activity will not involve any rehabilitation as the mining is starting up. Years 1 and 2 consider the construction phase, although mining will occur in the areas allocated to Year 1 and 2. The construction of the wash and drying plant will occur in this period, but will only be*

active from Year 3. Topsoil (if present), will be stripped and stockpiled in the correct areas. Progressive rehabilitation will start in Year 2 and may consist of bulk earthworks and fine grading. Depending on the season and the climatic conditions, re-vegetation may also occur in Year 2. Year 3 should see the areas mined in Year 1 as rehabilitated and monitoring will continue to ensure until satisfactory rehabilitation. If planting was unsuccessful, the area may be prepared again and re-seeded, depending on the reason for the failure (please note that the areas allocated for year 1 and 2 in the main sand deposit, are also where the processing plant is proposed. This area will only be rehabilitated after the 30 year life of mine.)

**8.14. All Specialists/Unassigned:**

**8.14.1. Is climate change included in the reports?**

*Answer (Nick Grobler): A climate change assessment will not be conducted as part of the air quality impact assessment. Greenhouse gas emissions from the mining operations can however be included in the emissions inventory.*

**8.14.2. Has the weather been considered (including winds)?**

*Answer (Nick Grobler): The current dispersion potential of the site will be considered based on modelled MM5 meteorological data. The dispersion potential is discussed in the air quality scoping report.*

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## Mmakoena

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**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, November 19, 2018 3:36 PM  
**To:** 'renee@bundunet.com'  
**Cc:** zizo@shango.co.za  
**Subject:** FW: Biodiversity response and oral submissions at 24 Oct meeting (FS 30/5/1/2/3/2/1/10048 EM)

Dear Renee,

I trust you are well.

Could you kindly provide us with the recording you made at the Public Open Day held on the 24<sup>th</sup> October 2018?

Thank you and we look forward to your response.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** Friday, November 9, 2018 9:29 AM  
**To:** 'Renee de Jong Hartsliet'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: FW: Biodiversity response and oral submissions at 24 Oct meeting (FS 30/5/1/2/3/2/1/10048 EM)

Dear Renee,

As telephonic discussion refers.

I have received the FS Roads report. Thank you very much.

The oral comments acquired (i) during the initial public consultation and (ii) the additional consultation scheduled for Saturday the 10<sup>th</sup> November 2018, will **both** be incorporated into the Final Scoping Report and made available on the Shango Solutions website for download, in due course, as specified in my previous mail.

Thank you and may you enjoy the weekend ahead.

Regards,

**Mmakoena Mmola**

## Mmakoena

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**From:** Renee de Jong Hartsliet <renee@bundunet.com>  
**Sent:** Wednesday, November 21, 2018 10:44 PM  
**To:** Mmakoena  
**Cc:** zizo@shango.co.za  
**Subject:** Re: FW: Biodiversity response and oral submissions at 24 Oct meeting (FS 30/5/1/2/3/2/1/10048 EM)

Dear ladies,  
I thought I had sent the link? Please let me know if you do not have it.  
Please send me a draft of my questions and your answers before you send them to DMR.  
Kind regards,  
Renee

On Mon, 19 Nov 2018 at 15:35, Mmakoena <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

Dear Renee,

I trust you are well.

Could you kindly provide us with the recording you made at the Public Open Day held on the 24<sup>th</sup> October 2018?

Thank you and we look forward to your response.

Regards,

**Mmakoena Mmola**



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[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Mmakoena [mailto:[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)]  
**Sent:** Friday, November 9, 2018 9:29 AM  
**To:** 'Renee de Jong Hartsliet'  
**Cc:** [zizo@shango.co.za](mailto:zizo@shango.co.za)  
**Subject:** RE: FW: Biodiversity response and oral submissions at 24 Oct meeting (FS 30/5/1/2/3/2/1/10048 EM)

## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Tuesday, November 27, 2018 4:18 PM  
**To:** 'Mashudu Mulaudzi'  
**Cc:** 'Gavin Aboud'; 'Penny'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'Mmakoena'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'John-Mark Kilian'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mr Mulaudzi

The FSE hereby records that its comments during the public participation meeting have not neither been accurately recorded nor recorded in context by the EAP.

We hereby request the EAP to supply the FSE, IAPs and the DMR with the authentic audio recording of the meeting in order to produce evidence of the alleged inaccuracies.

Best Regards

Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT  
TEL. (+27) 11 465 6910  
(+27) 73 231 4893  
Postnet Suite #113, Private Bag X153, Bryanston, 2021  
E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)  
Fax2Email: 0864861363

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 27 November 2018 07:58 AM  
**To:** 'Mmakoena' <mmakoena@shango.co.za>; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny' <penny@web.co.za>; 'Mariette Liefferink' <mariette@pea.org.za>; Sampie van Rooyen <svr@envmngp.com>; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi' <Mashudu.Mulaudzi@dmr.gov.za>; 'Diane Stevens' <edstevens@telkomsa.net>; Abrie Hanekom Vaaloewer <marlene@kruppeng.co.za>; Bob <bobh@dullies.com>; Chris <chrisc@cesa.co.za>; Dina <dina.henstock@gmail.com>; liz <liz.tuxx@gmail.com>; Louis Kruger <krugerskroon@gmail.com>; Renee <renee@bundunet.com>; Tertius <tertiusw@gmail.com>; warrin <warrinf@gmail.com>  
**Subject:** FW: Comments on the Shango meeting 10 November 2018

Good Day Shango,

I refer your notes for the record attached.

I refer our comments attached in red to your statements.

I am afraid to say your record of events are shocking and will need to be reviewed and redistributed.

Firstly you continuously misspell Monte Christo in your document, please advise on correct spelling.

## Mmakoena

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**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Tuesday, November 27, 2018 4:31 PM  
**To:** 'Mashudu Mulaudzi'  
**Cc:** 'Gavin Aboud'; 'Penny'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Diane Stevens'; 'Abrie Hanekom Vaaloeuw'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'; 'Mmakoena'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'John-Mark Kilian'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mr Mulaudzi

I refer to my subjoined request. The audio-visual recording of the meeting was supplied by the EAP. I apologise for my oversight.

I respectfully request that the DMR views and listens to the audio-visual recording of the meeting to ripen its judgment regarding the comments of IAPS and the responses of the EAP and its consultants.

Best Regards

Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT  
TEL. (+27) 11 465 6910  
(+27) 73 231 4893  
Postnet Suite #113, Private Bag X153, Bryanston, 2021  
E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)  
Fax2Email: 0864861363

**From:** Mariette Liefferink [mailto:mariette@pea.org.za]  
**Sent:** 27 November 2018 04:18 PM  
**To:** 'Mashudu Mulaudzi' <Mashudu.Mulaudzi@dmr.gov.za>  
**Cc:** 'Gavin Aboud' <gavinaboud@vodamail.co.za>; 'Penny' <pennylu@mweb.co.za>; 'Sampie van Rooyen' <svr@envmgrp.com>; 'kobusvdwalt02@gmail.com' <kobusvdwalt02@gmail.com>; 'thabo.moloi@outa.co.za' <thabo.moloi@outa.co.za>; 'craigrichardson100@gmail.com' <craigrichardson100@gmail.com>; 'azwihangwisi.mulaudzi@dmr.gov.za' <azwihangwisi.mulaudzi@dmr.gov.za>; 'Diane Stevens' <edstevens@telkomsa.net>; 'Abrie Hanekom Vaaloeuw' <marlene@kruppeng.co.za>; 'Bob' <bobh@dullies.com>; 'Chris' <chrisc@cesa.co.za>; 'Dina' <dina.henstock@gmail.com>; 'liz' <liz.tuux@gmail.com>; 'Louis Kruger' <krugerskroon@gmail.com>; 'Renee' <renee@bundunet.com>; 'Tertius' <tertiusw@gmail.com>; 'warrin' <warrinf@gmail.com>; 'Mmakoena' <mmakoena@shango.co.za>; 'zizo@shango.co.za' <zizo@shango.co.za>; 'jochen@shango.co.za' <jochen@shango.co.za>; 'stefanie@shango.co.za' <stefanie@shango.co.za>; 'John-Mark Kilian' <johnmark@umsizi.co.za>  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mr Mulaudzi

The FSE hereby records that its comments during the public participation meeting have not neither been accurately recorded nor recorded in context by the EAP.

We hereby request the EAP to supply the FSE, IAPs and the DMR with the authentic audio recording of the meeting in order to produce evidence of the alleged inaccuracies.

## Mmakoena

---

**From:** Renee de Jong Hartsliet <renee@bundunet.com>  
**Sent:** Tuesday, November 27, 2018 7:23 PM  
**To:** Mariette Liefferink  
**Cc:** Abrie Hanekom Vaaloewer; Bob; Chris; Diane Stevens; Dina; Gavin Aboud; John-Mark Kilian; Louis Kruger; Mashudu Mulaudzi; Mmakoena; Penny; Sampie van Rooyen; Tertius; azwihangwisi.mulaudzi@dmr.gov.za; craigrichardson100@gmail.com; jochen@shango.co.za; kobusvdwalt02@gmail.com; liz; stefanie@shango.co.za; thabo.moloi@outa.co.za; warrin; zizo@shango.co.za  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

Dear Shango,  
I second Mariette's comments below and request access to your audio / visual recordings urgently, please.  
Sincerely, Renee

On Tue, 27 Nov 2018 at 16:30, Mariette Liefferink <[mariette@pea.org.za](mailto:mariette@pea.org.za)> wrote:

Dear Mr Mulaudzi

I refer to my subjoined request. The audio-visual recording of the meeting was supplied by the EAP. I apologise for my oversight.

I respectfully request that the DMR views and listens to the audio-visual recording of the meeting to ripen its judgment regarding the comments of IAPS and the responses of the EAP and its consultants.

Best Regards

Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

TEL. (+27) 11 465 6910

(+27) 73 231 4893

Postnet Suite #113, Private Bag X153, Bryanston, 2021

E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)

Fax2Email: 0864861363

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, November 28, 2018 9:19 AM  
**To:** 'Renee de Jong Hartsliet'; 'Mariette Liefferink'  
**Cc:** 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Diane Stevens'; 'Dina'; 'Gavin Aboud'; 'John-Mark Kilian'; 'Louis Kruger'; 'Mashudu Mulaudzi'; 'Penny'; 'Sampie van Rooyen'; 'Tertius'; 'azwihangwisi.mulaudzi@dmr.gov.za'; 'craigrichardson100@gmail.com'; 'jochen@shango.co.za'; 'kobusvdwalt02@gmail.com'; 'liz'; 'stefanie@shango.co.za'; 'thabo.moloi@outa.co.za'; 'warrin'; 'zizo@shango.co.za'; mariette@pea.org.za  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Renee,

I trust you are well.

The notes for the record for the additional public consultation held on the 10<sup>th</sup> November 2018 were distributed to attendees on the 22<sup>nd</sup> November 2018 for their review and comment.

Page 2 of the document states that video recordings of the meeting can be accessed on the Shango Solutions website. A link to the recordings has also been provided. However, for your convenience the link is included in this e-mail.

<http://www.shango.co.za/public-documents/pure-source-mine/>

Mr Gavin Aboud indicated that your comments were completely ignored. May you kindly advise?

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Renee de Jong Hartsliet [mailto:renee@bundunet.com]  
**Sent:** Tuesday, November 27, 2018 7:23 PM  
**To:** Mariette Liefferink  
**Cc:** Abrie Hanekom Vaaloewer; Bob; Chris; Diane Stevens; Dina; Gavin Aboud; John-Mark Kilian; Louis Kruger; Mashudu Mulaudzi; Mmakoena; Penny; Sampie van Rooyen; Tertius; azwihangwisi.mulaudzi@dmr.gov.za; craigrichardson100@gmail.com; jochen@shango.co.za; kobusvdwalt02@gmail.com; liz; stefanie@shango.co.za; thabo.moloi@outa.co.za; warrin; zizo@shango.co.za  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

Dear Shango,

I second Mariette's comments below and request access to your audio / visual recordings urgently, please.  
Sincerely, Renee



## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Wednesday, November 28, 2018 6:45 AM  
**To:** 'Renee de Jong Hartsliel'; 'Mariette Liefferink'  
**Cc:** 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Diane Stevens'; 'Dina'; 'John-Mark Kilian'; 'Louis Kruger'; 'Mashudu Mulaudzi'; 'Mmakoena'; 'Penny'; 'Sampie van Rooyen'; 'Tertius'; azwihangwisi.mulaudzi@dmr.gov.za; craigrichardson100@gmail.com; jochen@shango.co.za; kobusvdwalt02@gmail.com; 'liz'; stefanie@shango.co.za; thabo.moloi@outa.co.za; 'warrin'; zizo@shango.co.za  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Good Day To All,

I refer to Renee.

Her comments were also completely ignored.

Kind Regards

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



**From:** Renee de Jong Hartsliel [mailto:renee@bundunet.com]  
**Sent:** 27 November 2018 07:23 PM  
**To:** Mariette Liefferink  
**Cc:** Abrie Hanekom Vaaloewer; Bob; Chris; Diane Stevens; Dina; Gavin Aboud; John-Mark Kilian; Louis Kruger; Mashudu Mulaudzi; Mmakoena; Penny; Sampie van Rooyen; Tertius; azwihangwisi.mulaudzi@dmr.gov.za; craigrichardson100@gmail.com; jochen@shango.co.za; kobusvdwalt02@gmail.com; liz; stefanie@shango.co.za; thabo.moloi@outa.co.za; warrin; zizo@shango.co.za  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

Dear Shango,

I second Mariette's comments below and request access to your audio / visual recordings urgently, please.  
Sincerely, Renee

On Tue, 27 Nov 2018 at 16:30, Mariette Liefferink <[mariette@pea.org.za](mailto:mariette@pea.org.za)> wrote:

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, November 28, 2018 9:18 AM  
**To:** 'Gavin Aboud'; 'Renee de Jong Hartsliet'; 'Mariette Liefferink'  
**Cc:** 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Diane Stevens'; 'Dina'; 'John-Mark Kilian'; 'Louis Kruger'; 'Mashudu Mulaudzi'; 'Penny'; 'Sampie van Rooyen'; 'Tertius'; 'azwihangwisi.mulaudzi@dmr.gov.za'; 'craigrichardson100@gmail.com'; 'jochen@shango.co.za'; 'kobusvdwalt02@gmail.com'; 'liz'; 'stefanie@shango.co.za'; 'thabo.moloi@outa.co.za'; 'warrin'; 'zizo@shango.co.za'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Gavin,

Thank you for your mail.

Kindly note that the notes for the record distributed to attendees of the additional public consultation are preliminary. The purpose of distributing the notes was to provide I&APs the opportunity to review and provide comments regarding notes that may have been inaccurately recorded or any comments raised that may have been excluded. Comments provided during this review period will be incorporated into the final notes for the record, which will form an appendix to the Final Scoping Report.

Given the above, may you kindly provide us with additional comments that we may have excluded?

Please note that we have incorporated the comments you provided on the 27<sup>th</sup> November 2018 into the notes for the record.

**Best regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** Wednesday, November 28, 2018 6:45 AM  
**To:** 'Renee de Jong Hartsliet'; 'Mariette Liefferink'  
**Cc:** 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Diane Stevens'; 'Dina'; 'John-Mark Kilian'; 'Louis Kruger'; 'Mashudu Mulaudzi'; 'Mmakoena'; 'Penny'; 'Sampie van Rooyen'; 'Tertius'; 'azwihangwisi.mulaudzi@dmr.gov.za'; 'craigrichardson100@gmail.com'; 'jochen@shango.co.za'; 'kobusvdwalt02@gmail.com'; 'liz'; 'stefanie@shango.co.za'; 'thabo.moloi@outa.co.za'; 'warrin'; 'zizo@shango.co.za'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Good Day To All,

I refer to Renee.

Her comments were also completely ignored.

## Mmakoena

---

**From:** Renee de Jong Hartsliet <renee@bundunet.com>  
**Sent:** Friday, November 30, 2018 12:28 PM  
**To:** Mmakoena  
**Cc:** Mariette Liefferink; Abrie Hanekom Myn; Bob Hartsliet; Chris Campbell; Diane Stevens; Dina Henstock; Gavin Aboud; John-Mark Kilian; Louis Kruger Lindeq; Mashudu Mulaudzi; Penny; Sampie van Rooyen; Tertius Wehmeyer; Azwihangwisi Mulaudzi; Craig Richardson; jochen@shango.co.za; kobus van der walt; Liz Charles; Brendan Stefanie; thabo.moloi@outa.co.za; warrinf@gmail.com; Zizo Siwendu  
**Subject:** Re: Comments on the Shango meeting 10 November 2018  
**Attachments:** image001.png; image002.png; Gmail - FW\_ Biodiversity response and oral submissions at 24 Oct meeting (FS 30\_5\_1\_2\_3\_2\_1\_10048 EM).pdf

Dear Mmakoena,

I am well thank you and hope you are too?

1. Mr Aboud is correct; my oral submissions during the recent public participation meeting are not minuted at all?

2. Of greater concern - there are no minutes of our previous meeting at Vintage Wedding Yard and the 50-minute recording I made of the question-and-answer session with the Shango team...

On Wed, 07 Nov 2018 at 14:57, Renee de Jong Hartsliet <renee@bundunet.com> wrote:

Dear Zizo,

Thank you very much for this email and thanks Michael for your detailed response.

Regarding the public meeting held on 24th October: where will the oral comments by attendees like myself, Arnold and Sampie be recorded and incorporated? It seems that they should be available to all IAPs at the upcoming 10th November meeting? You took copious notes and I was fully expecting that some form of written documentation would be forthcoming from you.

Here are bullet points of my report to Gavin:

"Things I found interesting:

1. This was a Public Participation meeting, in their eyes
2. The road is problematic to ALL and Shango is going to have a hard time dealing with the report I will forward them
3. Zoning - they seem to think it can be done AFTER rights have been approved
4. "Sense of Place" is problematic for them
5. Mining Charter - because they APPLIED on 24 August, the Charter was Gazetted on 27 September, their report was published 8 November: Therefore, the only provision in the Charter they do NOT have to comply with is mine ownership
6. At first they said there was a Social and Labour Plan available on their website. But then they said it was with DMR and not available to the public
7. Still non-compliant re rehab - other contractors to blame"

## Mmakoena

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**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, December 3, 2018 9:38 AM  
**To:** 'Renee de Jong Hartsliet'  
**Cc:** 'Mariette Liefferink'; 'Abrie Hanekom Myn'; 'Bob Hartsliet'; 'Chris Campbell'; 'Diane Stevens'; 'Dina Henstock'; 'Gavin Aboud'; 'John-Mark Kilian'; 'Louis Kruger Lindeq'; 'Mashudu Mulaudzi'; 'Penny'; 'Sampie van Rooyen'; 'Tertius Wehmeyer'; 'Azwiangwisi Mulaudzi'; 'Craig Richardson'; 'jochen@shango.co.za'; 'kobus van der walt'; 'Liz Charles'; 'Brendan Stefanie'; 'thabo.moloi@outa.co.za'; 'warrinf@gmail.com'; 'Zizo Siwendu'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Renee,

Thank you for your mail.

1. It is understood that we have captured your comments. However, if we have missed some of your comments, kindly advise so that they can be incorporated into the notes for the record.
2. The oral comments acquired during the initial public consultation will be incorporated into the Final Scoping Report. The Final Scoping Report will be made available on the Shango Solutions website, for download on the 14<sup>th</sup> December 2018.

Should you have any further concerns in this regard, please do not hesitate to contact me.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Renee de Jong Hartsliet [mailto:[renee@bundunet.com](mailto:renee@bundunet.com)]

**Sent:** Friday, November 30, 2018 12:28 PM

**To:** Mmakoena

**Cc:** Mariette Liefferink; Abrie Hanekom Myn; Bob Hartsliet; Chris Campbell; Diane Stevens; Dina Henstock; Gavin Aboud; John-Mark Kilian; Louis Kruger Lindeq; Mashudu Mulaudzi; Penny; Sampie van Rooyen; Tertius Wehmeyer; Azwiangwisi Mulaudzi; Craig Richardson; jochen@shango.co.za; kobus van der walt; Liz Charles; Brendan Stefanie; thabo.moloi@outa.co.za; warrinf@gmail.com; Zizo Siwendu

**Subject:** Re: Comments on the Shango meeting 10 November 2018

Dear Mmakoena,

I am well thank you and hope you are too?

1. Mr Aboud is correct; my oral submissions during the recent public participation meeting are not minuted at all?

## **Mmakoena**

---

**From:** Renee de Jong Hartslielief <renee@bundunet.com>  
**Sent:** Friday, November 30, 2018 4:59 PM  
**To:** Mmakoena  
**Cc:** Gavin Aboud; Mariette Liefferink; jochen@shango.co.za; stefanie@shango.co.za; warrinf@gmail.com; zizo@shango.co.za  
**Subject:** Re: Pure Source Mine - Additional Public Consultation Notes for the Record: Revision 2

Dear Shango,  
Surely, you cannot be serious?  
Regards,  
Renee

On Fri, 30 Nov 2018 at 16:04, Mmakoena <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

On the 22<sup>nd</sup> November 2018, Revision 1 of the Additional Public Consultation Notes for the Record, for the Pure Source Mine Project, was distributed to the attendees of the event for review and comment. Shango Solutions would like to take this opportunity to thank all Interested and Affected Parties who reviewed the notes and provided comment.

Based on comments received, kindly find herewith attached the revised Notes for the Record for the Additional Public Consultation held on the 10<sup>th</sup> November 2018, for your perusal. The video recordings of the meeting can still be accessed from the Shango Solutions website and the link to the video is provided below:

<http://www.shango.co.za/public-documents/pure-source-mine/>

Should you have any further comments, kindly forward them to Shango Solutions, by no later than the 7<sup>th</sup> December 2018.

If you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Regards,**

**Mmakoena Mmola**

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Friday, November 30, 2018 12:36 PM  
**To:** 'Mmakoena'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Mariette Liefferink'; Sampie van Rooyen; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; Abrie Hanekom Vaalower; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Good Day,

I have not received a reply to my mail below?

Please oblige?

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** 27 November 2018 07:58 AM  
**To:** 'Mmakoena'; Zizo Siwendu <zizo@shango.co.za> (zizo@shango.co.za); jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Mariette Liefferink'; Sampie van Rooyen (svr@envmgp.com); kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; Abrie Hanekom Vaalower (marlene@kruppeng.co.za); Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** FW: Comments on the Shango meeting 10 November 2018

Good Day Shango,

I refer your notes for the record attached.

I refer our comments attached in red to your statements.

I am afraid to say your record of events are shocking and will need to be reviewed and redistributed.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, December 3, 2018 1:19 PM  
**To:** 'Gavin Aboud'; 'zizo@shango.co.za'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'  
**Cc:** 'Penny'; 'Mariette Liefferink'; 'Sampie van Rooyen'; 'kobusvdwalt02@gmail.com';  
'thabo.moloi@outa.co.za'; 'craigrichardson100@gmail.com';  
'azwihangwisi.mulaudzi@dmr.gov.za'; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie  
Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Gavin,

Thank you for your mail and for providing comment on the notes for the record for the additional public consultation.

Please see our responses in red.

Good Day Shango,

I refer your notes for the record attached.

I refer our comments attached in red to your statements.

I am afraid to say your record of events are shocking and will need to be reviewed and redistributed.

Firstly you continuously misspell Monte Christo in your document, please advise on correct spelling.

Noted. This has been changed as is reflected in the revised notes for the record, which were distributed to attendees on the 30<sup>th</sup> November 2018. The correct spelling is Monte Cristo Commercial Park (Pty) Ltd.

You refer to Mariette's organisation as the FSD. It is the FSE.

Noted. This has been changed as is reflected in the revised notes for the record, which were distributed to attendees on the 30<sup>th</sup> November 2018.

Various attendees have been completely ignored in your record of events, I refer Warrin flores, Dianne Stevens et al.

Noted. Additional comments by Mr Flores and Ms Stevens have been incorporated into the revised notes for the record, which we distributed to attendees on the 30<sup>th</sup> November 2018. However, if we have missed other comments, kindly advise so that they can be incorporated into the notes for the record.

You need to revisit Mariette's comments, you have not accurately reflected these.

It is our understanding that we have accurately recorded Mariette's comments. Kindly advise should you perceive that they were inaccurately recorded.

You present comment and arguments which were not tendered at the meeting, please remove.

During the additional public consultation, Shango Solutions stated that notes for the record will be circulated to I&APs prior to submission to the DMR. It was also stated that questions raised by the attendees that were not addressed during the additional public consultation, would be included in the notes for the record to be circulated to I&APs. As such, the notes for the record that were circulated on the 22<sup>nd</sup> November 2018 reflect answers to the questions raised during the additional public consultation. In addition, it was stated that the attendees will be given 10 days to review the notes for the record and provide comment prior to the submission of the Final Scoping Report. The notes for the record

will be added as an appendix to the Final Scoping Report that will be submitted to the DMR on the 14<sup>th</sup> December 2018, for their review and decision-making.

Please work through our document and it will become abundantly clear that you have not captured the true essence on comments made. Please redo.

Additional comments provided by attendees during the review period have been incorporated into the revised notes for the record, which were distributed to attendees on Friday the 30<sup>th</sup> November 2018.

There are still many outstanding issues where no response has been received – how can you 'finalise' the comments if they are still waiting for input from various players. You give us a deadline and not them. This is not acceptable. So get comments from those people that are outstanding and redistribute.

Outstanding comments from specialists will be addressed during the EIA phase of this project. Comments from the Applicant and Legal Advisor will be distributed to attendees upon their availability.

The maps should be redone on one per page so that they can be read and debated by the participants. We cannot make out what is going on here?

Noted. The maps have been updated as reflected in the revised notes for the record.

The way Shango is trying to rush this through to the DMR makes us very concerned that there is an ulterior motive which benefits the applicant at the expense of the I&As.

Noted. Kindly be advised that applications are processed in terms of the EIA 2014 Regulations, as amended. As such, there are legislated timeframes which we have to adhere to.

The one week you have given to this matter is unacceptable, review your time lines.

Please refer to response above.

This matter is not being addressed with the attention it deserves and I will take this up with the DMR.

Noted.

Should you have any further concerns in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



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[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]

**Sent:** Friday, November 30, 2018 12:36 PM

**To:** 'Mmakoena'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za

**Cc:** 'Penny'; 'Mariette Liefferink'; Sampie van Rooyen; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; Abrie Hanekom Vaaloeuw; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin

**Subject:** RE: Comments on the Shango meeting 10 November 2018

Good Day,

I have not received a reply to my mail below?



## Mmakoena

---

**From:** Dawn Schepers <dawn.schepers@gmail.com>  
**Sent:** Friday, November 30, 2018 4:53 PM  
**To:** Mmakoena  
**Subject:** Re: Pure Source Mine

Please see my replies below

**From:** Mmakoena <mmakoena@shango.co.za>  
**Date:** Wednesday, 21 November 2018 at 3:21 PM  
**To:** Dawn Schepers <dawn.schepers@gmail.com>  
**Cc:** <zizo@shango.co.za>, <stefanie@shango.co.za>, <jochen@shango.co.za>  
**Subject:** Pure Source Mine

Dear Dawn,

Thank you for completing the Interested and Affected Party registration form.

Please see our responses in red. The answers you provided in the registration form are highlighted in yellow.

Please state your interest in the proposed project.

I am opposed to mining because of the damage to land, water and silica dust which will affect our health and wellbeing. Value of our property will decrease.

Your objection to the proposed project and reasons thereof are noted.

Are you a landowner or legal land occupier within the application area?

Yes.

Noted.

Are you aware of any communities which exist within the application area? Please provide detail and possible contact details.

Yes.

Noted.

Are you aware of any tribal authorities within, or affected by, the proposed application? Please provide detail and possible contact details.

No (possibly informal settlement).

Noted.

Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.

Vaaloewer residents.

Noted.

Are you aware of any land developments (current or proposed) within the application area that may be relevant to the proposed mining operation?

Property development in Vaaloewer.

Noted.

Please describe any biophysical and/or socio-economic impacts that you believe should be considered during the study.

Our water, air, flora and fauna will be negatively affected by the proposed mining. Our health will also be negatively affected by silica dust.

### Water

Following consultation with the Department of Water and Sanitation, bufferzones have been included in the Mine Plan layout to reduce impacts on the nearby watercourses, including the Vaal River. In addition, the Environmental Management Programme (EMPR) will categorically state that no untreated waste water must be pumped into the Vaal River. According to the Groundwater assessment undertaken in support of this application, potential impacts on groundwater anticipated during the operational phase include (i) a decline in water quality due to excavation of the sand and the wash plant facility as well as (ii) potential contamination of aquifers as a result of hydrocarbon spillage. The groundwater sampled on-site currently shows no negative impacts associated with the historical mining activities on the Farm Goosebay or at the neighbouring sand mine operations. I do not believe that the proposed mining will have no negative impacts on our water as silica dust CANNOT be contained and will be blown into the water, flora and fauna and air.

## **Air**

The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality as well as noise impacts. Additional mitigation measures have been proposed and these are included in the relevant specialist reports.

## **Flora and fauna**

According to the terrestrial biodiversity assessment undertaken in support of this application, open pit mining and site clearance for infrastructure and associated access roads may result in the loss of habitat for species of conservation concern as well as the displacement, direct mortalities and disturbance of the faunal community. The biodiversity specialist has recommended mitigation measures to minimise impacts on fauna, which include, but are not limited to, (i) avoiding high biodiversity sensitivity areas and complying with prescribed buffer zones as well as (ii) implementing training to ensure that all staff are aware of faunal sensitivity.

Impacts on flora may include the loss of plant species of conservation importance and the encroachment of alien invasive plant species. Mitigation measures have been proposed by the relevant specialist and are included in the in the terrestrial biodiversity assessment and draft Scoping Report.

## **Health risks**

Ambient particulate and gaseous concentrations due to the mining operations will be assessed in the air quality assessment during the Environmental Impact Assessment (EIA) phase of the project in order to determine their impact on human health.

Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated biophysical and socio-economic impacts of the proposed activity.

No mining as restoration of land will probably not take place. Noise factor will be a problem. How will dust storms from mining dust be managed? How will water be protected?

Your suggestion is noted. According to the noise baseline assessment for this project, noise impacts are expected to be slightly more notable to the south of the project activities. Furthermore, the extent of noise impacts as a result of an intruding noise depends on existing levels in an area and on-site meteorology. Simulated MM5 weather data set was utilised on-site and the results show that the noise levels are within a permissible range. Mitigation measures were recommended to reduce noise impacts.

Dust suppression has been proposed as a mitigation measure to minimise dust emissions. In the case of surface water, no untreated waste water and/or effluent will be discharged into the Vaal River as it will be managed in a closed system wherein contact water will be separated from non-contact water as per the Requirements of the National Environmental Management Act (NEMA). Water utilised during the sand washing process will be recycled back to the wash plant for re-use.

The following mitigation measures have been recommended to reduce impacts on groundwater quality:

- Design and implement contamination containment measures.

- Effective equipment and vehicle maintenance.

- Fast and effective clean-up of spills.

- Conducting groundwater monitoring and implementing remedial actions where required.

Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?

Value of property will decrease. Dust (silica) will cause disease and lung cancer. Fauna and flora will be negatively affected. Jobs will be lost as businesses will be forced to close down.

In order to assess the potential impacts on existing property values, the property context surrounding the site was first considered by the economic specialist. Secondly, the results of the other specialist studies were scrutinised for information on impacts that could lead to welfare changes reflected in property value effects. The key potential sources of negative impacts on property values are visual, air quality, noise and biodiversity impacts. The Economic Impact Assessment states that property values in any given area are significantly driven by demand for housing, which in turn, is directly linked to economic opportunities and jobs in the area. The project therefore has the potential to increase demand and associated values for housing and property. The mitigation measures recommended in other specialist reports to minimise negative impacts (primarily visual, air quality, noise, water quality and social measures) and enhance positive impacts would reduce impacts on property values.

According to the Social Impact Assessment, it is understood that the proposed project will promote job creation within the local area.

Refer to point 7 for our responses regarding fauna, flora and health risks.

General comments:

Mining will generally have nothing but a negative effect on people, fauna, flora, value of property and health. Jobs will be lost due to businesses closing down.

Kindly refer to the above points addressing the issues you specified under general comments.

Should you have any further questions in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, December 3, 2018 2:30 PM  
**To:** 'Dawn Schepers'  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Pure Source Mine

Dear Dawn,

Thank you for your mail.

Please see our response in red.

I do not believe that the proposed mining will have no negative impacts on our water as silica dust CANNOT be contained and will be blown into the water, flora and fauna and air.

The Vaal River will be included in the assessment of dust fallout impacts. According to the Air Quality Specialist, silica is only harmful when inhaled and is not harmful if it lands up in the river. During the air quality impact assessment, dust fallout, inhalable particulate concentrations as well as inhalable silica concentrations will be quantified and dispersion modelling simulations undertaken to estimate ambient pollutant concentrations and dust fallout. Ambient pollutant concentrations will depend on the area being mined, the wind direction and the level of activity.

According to the Surface Hydrology Specialist, the current drainage lines and wetland areas have been excluded from the mine works programme. It is envisaged that no significant levels of silica (above normal levels) will enter the Vaal River. In addition, the effect of silica on freshwater organisms, based on toxicity exposures, is considered to be a low order of toxicity and therefore classified as having a low hazard profile. Effect concentrations have only been observed between 210 mg/l and 1 700 mg/l. These are considered to be very high concentrations of silica and the proposed project will likely not result in the formation of these artificially high concentration solutions.

Excessive levels of dust may have potential negative direct and/or indirect impacts on fauna and flora. Dust fallout on fauna and flora will be quantitatively assessed in the Final Scoping Report. It should be noted that alpha quartz (silica) is only harmful when inhaled and is not considered harmful through ingestion or dermal contact.

Mitigation measures have been proposed to minimise impacts on air quality. Additional mitigation measures will be proposed in the Environmental Management Programme (EMPR) during the Environmental Impact Assessment (EIA) phase of this project.

Should you have any further concerns in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Monday, December 3, 2018 1:41 PM  
**To:** 'Mmakoena'; 'Gavin Aboud'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mmakoena

I shall submit my comments shortly.

Best Regards

Mariette Liefferink

PEA: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

TEL. (+27) 11 465 6910

(+27) 73 231 4893

Postnet Suite #113, Private Bag X153, Bryanston, 2021

E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)

Fax2Email: 0864861363

**From:** Mmakoena [mailto:[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)]

**Sent:** 03 December 2018 01:19 PM

**To:** 'Gavin Aboud' <[gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)>; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za

**Cc:** 'Penny' <[penny@web.co.za](mailto:penny@web.co.za)>; 'Mariette Liefferink' <[mariette@pea.org.za](mailto:mariette@pea.org.za)>; 'Sampie van Rooyen' <[svr@envmgp.com](mailto:svr@envmgp.com)>; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi' <[Mashudu.Mulaudzi@dmr.gov.za](mailto:Mashudu.Mulaudzi@dmr.gov.za)>; 'Diane Stevens' <[edstevens@telkomsa.net](mailto:edstevens@telkomsa.net)>; 'Abrie Hanekom Vaaloewer' <[marlene@kruppeng.co.za](mailto:marlene@kruppeng.co.za)>; 'Bob' <[bobh@dullies.com](mailto:bobh@dullies.com)>; 'Chris' <[chris@cesa.co.za](mailto:chris@cesa.co.za)>; 'Dina' <[dina.henstock@gmail.com](mailto:dina.henstock@gmail.com)>; 'liz' <[liz.tuxx@gmail.com](mailto:liz.tuxx@gmail.com)>; 'Louis Kruger' <[krugerskroon@gmail.com](mailto:krugerskroon@gmail.com)>; 'Renee' <[renee@bundunet.com](mailto:renee@bundunet.com)>; 'Tertius' <[tertiusw@gmail.com](mailto:tertiusw@gmail.com)>; 'warrin' <[warrinf@gmail.com](mailto:warrinf@gmail.com)>

**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Gavin,

Thank you for your mail and for providing comment on the notes for the record for the additional public consultation.

Please see our responses in red.

Good Day Shango,

I refer your notes for the record attached.

I refer our comments attached in red to your statements.

I am afraid to say your record of events are shocking and will need to be reviewed and redistributed.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, December 3, 2018 1:58 PM  
**To:** 'Mariette Liefferink'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Noted, with thanks.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Mariette Liefferink [mailto:mariette@pea.org.za]  
**Sent:** Monday, December 3, 2018 1:41 PM  
**To:** 'Mmakoena'; 'Gavin Aboud'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mmakoena

I shall submit my comments shortly.

Best Regards

Mariette Liefferink

CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

TEL. (+27) 11 465 6910

(+27) 73 231 4893

Postnet Suite #113, Private Bag X153, Bryanston, 2021

E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)

Fax2Email: 0864861363

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 03 December 2018 01:19 PM  
**To:** 'Gavin Aboud' <gavinaboud@vodamail.co.za>; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny' <penny@web.co.za>; 'Mariette Liefferink' <mariette@pea.org.za>; 'Sampie van Rooyen' <svr@envmnp.com>; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi' <Mashudu.Mulaudzi@dmr.gov.za>; 'Diane Stevens' <edstevens@telkomsa.net>; 'Abrie Hanekom Vaaloewer' <marlene@kruppeng.co.za>; 'Bob' <bobh@dullies.com>; 'Chris' <chris@cesa.co.za>; 'Dina' <dina.henstock@gmail.com>; 'liz' <liz.tuxx@gmail.com>; 'Louis Kruger' <krugerskroon@gmail.com>; 'Renee' <renee@bundunet.com>; 'Tertius' <tertiusw@gmail.com>; 'warrin'

## Mmakoena

---

**From:** Zizo Siwendu <zizo@shango.co.za>  
**Sent:** Monday, December 3, 2018 2:04 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: AIP Responses  
**Attachments:** CCE03122018\_00000.pdf

**From:** Liz Charles [mailto:tuxx@mweb.co.za]  
**Sent:** 03 December 2018 02:00 PM  
**To:** zizo@shango.co.za  
**Subject:** AIP Responses

Good afternoon

Please find 5 AIP comments for your attention, from:

Kuhhirt  
D McBeath  
Anna M van Deventer  
Lucas Swanepoel  
Eugene Swanepoel

Kindly acknowledge receipt to this email address:

[tuxx@mweb.co.za](mailto:tuxx@mweb.co.za)

Thank you  
Liz

**-PROXY-**

I, Anna M. van Deventer residing at 30 Mozart str., <sup>Vanderbijlpark</sup> Gauteng,  
hereby designate Gallie Janse van Rensburg residing at 200 Visarend Vaaloewer to  
act as my proxy for the purpose of casting my vote and making comments and  
recording me present at the Public Participation meeting regarding Pure Source Mine  
to be held on 15 November, 2018.

Date: 10/11/2018

Signature:



**-PROXY-**

I, Lukas Swanepoel residing at 30 Mozart str., <sup>Vanderbijlpark</sup> Gauteng,  
hereby designate Gallie Janse van Rensburg residing at 200 Visarend Vaaloewer to  
act as my proxy for the purpose of casting my vote and making comments and  
recording me present at the Public Participation meeting regarding Pure Source Mine  
to be held on 15 November, 2018.

Date: 10/11/2018

Signature:

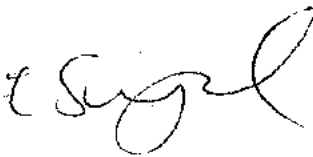


**-PROXY-**

I, Eugene Swanepoel residing at 30 Mozart str., Gauteng,  
hereby designate Gallie Janse van Rensburg residing at 200 Visarend Vaaloewer to  
act as my proxy for the purpose of casting my vote and making comments and  
recording me present at the Public Participation meeting regarding Pure Source Mine  
to be held on 15 November, 2018.

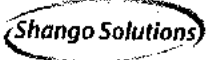
Date: 10/11/2018

Signature:



Please refer to: Sand Mining and  
Transport: Potential Health Effects:  
Thomas M. Peters, PhD @  
[www.ncsl.org/documents/envision/Peters.pdf](http://www.ncsl.org/documents/envision/Peters.pdf)  
on why we are VIOLENTLY opposed to  
this development.





ADDITIONAL SCOPING PHASE PUBLIC CONSULTATION

10 NOVEMBER 2018

COMMENTS AND RESPONSES FORM

PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |              |                |   |
|--|--------------|----------------|---|
| Name                                   | GILL KUHRT   | EAP            | Shango Solutions                          |
| Address                                | 115 VISAGEND | Contact person | Ms Zizo Siwendu                           |
|  | VAAALUEWER   | Address        | P.O Box 2591                              |
|  |              |                | Cresta                                    |
|  |              |                | 2118                                      |
| Landowner/Lawful occupier/Organisation | LANDOWNER    | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 082-3240472  | Tel no.        | 011 678 6504                              |
| E-mail                                 |              | E-mail         | zizo@shango.co.za                         |

Organisation and/or property description (if landowner/lawful occupier)

Residence

Please state your interest in the proposed project:

LIVING in Vaaloewer

Comments:

Devaluation of our Property  
 Noise + Pollution  
 Dust Pollution = danger = Cancer, Asthma etc  
 Water Contamination

Shango Solutions respectfully requests that you please sign this form and return it at the details provided.

Signed D. McBeath Name D. McBeath Date 13.11.2018

**ADDITIONAL SCOPING PHASE PUBLIC CONSULTATION  
10 NOVEMBER 2018  
COMMENTS AND RESPONSES FORM**

PURE SOURCE MINE MINING RIGHT AND INTEGRATED ENVIRONMENTAL AUTHORISATION APPLICATION

This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

|  |                     |                |   |
|--|---------------------|----------------|---|
| Name                                   | P. McBreath         | EAP            | Shango Solutions                          |
| Address                                | 124 RIVERSIDE       | Contact person | Ms Zizo Siwendu                           |
|  | VAALOEWER           | Address        | P.O Box 2591                              |
|  |                     |                | Cresta                                    |
|  |                     |                | 2118                                      |
| Landowner/Lawful occupier/Organisation | LANDOWNER           | Project        | Pure Source Mine (FS 30/5/1/2/2/10048 MR) |
| Tel or Cell no.                        | 082-4773033         | Tel no.        | 011 678 6504                              |
| E-mail                                 | mbreath@unisa.ac.za | E-mail         | zizo@shango.co.za                         |

Organisation and/or property description  
(if landowner/lawful occupier)

VAALOEWER

Please state your interest in the proposed project:

LIVING IN Vaaloewer

Comments:

Noise Pollution  
Dust Pollution  
Damage to BIRD + Wildlife + Nature  
Value of our Property going down

Shango Solutions respectfully requests that you please sign this form and return it at the details provided.

Signed 13.11.2018 Name C.I. Kibbert Date C. Kibbert

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Tuesday, December 4, 2018 1:35 PM  
**To:** 'tuxx@mweb.co.za'  
**Cc:** 'Zizo Siwendu'  
**Subject:** RE: AIP Responses

Good day,

Your e-mail received on the 3<sup>rd</sup> December 2018 is acknowledged.

Comments provided in the attachment have been included in the Issues and Responses Report (an appendix to the Final Scoping Report), to be submitted to the Department of Mineral Resources, for their review and decision-making.

Should you have any concerns in this regard, please do not hesitate to contact me.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

---

**From:** Zizo Siwendu [mailto:[zizo@shango.co.za](mailto:zizo@shango.co.za)]  
**Sent:** Monday, December 3, 2018 2:04 PM  
**To:** mmakoena@shango.co.za  
**Subject:** FW: AIP Responses

---

**From:** Liz Charles [mailto:[tuxx@mweb.co.za](mailto:tuxx@mweb.co.za)]  
**Sent:** 03 December 2018 02:00 PM  
**To:** zizo@shango.co.za  
**Subject:** AIP Responses

Good afternoon

Please find 5 AIP comments for your attention, from:

C I Kuhhirt  
D McBeath  
Anna M van Deventer  
Lucas Swanepoel  
Eugene Swanepoel

Kindly acknowledge receipt to this email address:

## Mmakoena

---

**From:** Roelf Pretorius <roelof.pretorius@absamail.co.za>  
**Sent:** Monday, December 3, 2018 3:17 PM  
**To:** 'Mmakoena'  
**Subject:** RE: Emailing: English Registration Form (2)

I sincerely hope someone send you photos of what it looked like when the wind blew  
If not I can forward.

Regards  
Roelf Pretorius

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** Wednesday, 21 November 2018 2:31 PM  
**To:** roelof.pretorius@absamail.co.za  
zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: Emailing: English Registration Form (2)

Good day,

Thank you for your mail and for completing the Interested and Affected Party registration form.

Please see our responses in read. The answers you provided in the registration form are highlighted in yellow.

1. Please state your interest in the proposed project.  
My concern is the environment. Since mining started I hear the machines starting up at 06H00 in the morning. Most of the birdlife Owls, Fish Eagle, Guinea Fowl, Bleshoender, Blue Crane disappeared. Vivid monkeys moved on. The dust from mining – evidence in my swimming pool every morning depending on wind direction.  
Your concern is noted. The planned working hours for the proposed Pure Source Mine are as follows:  
For mining activities, a 5.5 day work week with a 2 shift system is proposed. Operating hours would be from 06:00 to 18:00. For diamond sorting, a 6 day work week with a 2 shift system, operating 24 hours a day. However, the 24 hour shift for diamond sorting will be reconsidered during the Environmental Impact Assessment (EIA) phase.

The impact on air quality will depend largely on sources of emissions present on a mine at any given time and the throughput of material. For example, if material is transported via haul roads, there will be greater emissions than if it were conveyed. To a large extent, the mined products for this project are expected to be transported via conveyor systems from the pits to the plant and product stockpiles, in order to minimise air quality impacts. In addition, mitigation measures such as dust suppression have been suggested by the relevant specialist.

2. Are you a landowner or legal land occupier within the application area?  
Not within the area but close farm owners bordering the area.  
Noted.
3. Are you aware of any other I&APs who need to be notified? Please provide detail and possible contact details.  
The informal settlement.  
Noted.
4. Please can you provide us with a description of the receiving environment.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, December 6, 2018 9:26 AM  
**To:** 'Roelf Pretorius'  
**Subject:** RE: Emailing: English Registration Form (2)

Dear Roelf,

I trust you are well.

Mr Gavin Aboud provided us with such pictures on the 21<sup>st</sup> November 2018, which have been forwarded to the air quality specialist.

Regards,

Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Roelf Pretorius [mailto:roelof.pretorius@absamail.co.za]  
**Sent:** Monday, December 3, 2018 3:17 PM  
**To:** 'Mmakoena'  
**Subject:** RE: Emailing: English Registration Form (2)

I sincerely hope someone send you photos of what it looked like when the wind blew  
If not I can forward

Regards  
Roelf Pretorius

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** Wednesday, 21 November 2018 2:31 PM  
**To:** roelof.pretorius@absamail.co.za  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: Emailing: English Registration Form (2)

Good day,

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Please see our responses in read. The answers you provided in the registration form are highlighted in yellow.

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## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Monday, December 3, 2018 6:09 PM  
**To:** 'Mmakoena'; 'Gavin Aboud'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018  
**Attachments:** 2018-12-10 PURE SOURCE - RECAPITULATION OF FSE'S ORAL AND WRITTEN COMMENTS.docx

Dear Mmakoena

Please find the FSE's comments attached hereto. Please acknowledge receipt.

Best Regards

Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT  
TEL. (+27) 11 465 6910  
(+27) 73 231 4893  
Postnet Suite #113, Private Bag X153, Bryanston, 2021  
E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)  
Fax2Email: 0864861363

**From:** Mmakoena [mailto:[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)]  
**Sent:** 03 December 2018 01:19 PM  
**To:** 'Gavin Aboud' <[gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)>; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny' <[pennylu@mweb.co.za](mailto:pennylu@mweb.co.za)>; 'Mariette Liefferink' <[mariette@pea.org.za](mailto:mariette@pea.org.za)>; 'Sampie van Rooyen' <[svr@envmgrp.com](mailto:svr@envmgrp.com)>; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi' <[Mashudu.Mulaudzi@dmr.gov.za](mailto:Mashudu.Mulaudzi@dmr.gov.za)>; 'Diane Stevens' <[edstevens@telkomsa.net](mailto:edstevens@telkomsa.net)>; 'Abrie Hanekom Vaaloewer' <[marlene@kruppeng.co.za](mailto:marlene@kruppeng.co.za)>; 'Bob' <[bobh@dullies.com](mailto:bobh@dullies.com)>; 'Chris' <[chrisc@cesa.co.za](mailto:chrisc@cesa.co.za)>; 'Dina' <[dina.henstock@gmail.com](mailto:dina.henstock@gmail.com)>; 'liz' <[liz.tuxx@gmail.com](mailto:liz.tuxx@gmail.com)>; 'Louis Kruger' <[lucygerskroon@gmail.com](mailto:lucygerskroon@gmail.com)>; 'Renee' <[renee@bundunet.com](mailto:renee@bundunet.com)>; 'Tertius' <[tertiusw@gmail.com](mailto:tertiusw@gmail.com)>; 'warrin' <[warrinf@gmail.com](mailto:warrinf@gmail.com)>  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Gavin,

Thank you for your mail and for providing comment on the notes for the record for the additional public consultation.

Please see our responses in red.

Good Day Shango,

I refer your notes for the record attached.

I refer our comments attached in red to your statements.



the federation for a sustainable environment

(Reg. No. 2007/003002/08)  
NPO NUMBER 062986-NPO  
PBO No. (TAX EXEMPT) 930 039 506  
Postnet Suite #113, Private Bag X153, Bryanston, 2021

COMMENTS ON THE DRAFT SCOPING REPORT OF PURE SOURCE MINE  
(FS 30/5/1/2/2/10048 MR)  
(FS 30/5/1/2/3/2/1/10048 EM)

The following comments are submitted on behalf of the Federation for Sustainable Environment (FSE). The FSE is a federation of community based civil society organisations committed to the realisation of the constitutional right to an environment that is not harmful to health or well-being, and to having the environment sustainably managed and protected for future generations. Their mission is specifically focussed on addressing the adverse impacts of mining and industrial activities on the lives and livelihoods of vulnerable and disadvantaged communities who live and work near South Africa's mines and industries.

The FSE requests that its oral comments during the Public Participation Meeting be recorded verbatim, that is, not as a transcript of the FSE's comments, but the audio visual recording of the FSE's comments, in the Comments and Response Report.

We furthermore request that the subjoined written comments be included *in toto* and in context, and not abridged in the Comments and Response Report.

PREFATORY

**The South African Human Rights Commission's (SAHRC) "Report on the National Hearings on the Underlying Socio-Economic Challenges of Mining-Affected Communities in South Africa" (2018), its findings and directives have relevance to the proposed project and relevance in particular to the competent authority in this matter, namely the Department of Mineral Resources (DMR).**

We consider the findings and recommendations/directives of the SAHRC of significant importance. We therefore find it appropriate to include the following findings in our submission on this Application.

**The SAHRC found that:**

- 1. The Department of Rural Development and Land Reform appear to systematically disregard key pieces of legislation, particularly the Municipal Systems Act 32 of 2000 and the Spatial Land use Management Act 16 of 2013 (SPLUMA).**
- 2. The Department of Mineral Resources (DMR) appear to systematically disregard key pieces of legislation, particularly the Municipal Systems Act, 32 of 2000 and the Spatial Land Use Management Act, 16 of 2013 (SPLUMA).**

**Land use approvals must be secured from the applicable municipalities prior to the DMR granting the licenses or permits.**

- 3. The DMR has not taken adequate steps to secure financial provision for rehabilitating damage to the environment and water resources and there is an immediate need for all EIAs and EMPS to clearly detail land quality and potential post closure land use. Licences should not be granted where long term, sustainable land use cannot be guaranteed.**

**The Report recommended that the DMR must, when considering applications for mining rights, ensure that alternative land uses for sustainable local development are identified and considered. It may include not to approve applications.**

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- 5. There is an immediate need to give effect to the precautionary principle in matters dealing with environmental protection and strongly cautions against prioritising the immediate economic benefit of mining activities over the protection of the environment, particularly in those areas that are crucial for sustaining ecological biodiversity, natural heritage, cultural significance and life.**
- 6. The DMR in partnership with the Department of Health is directed to commission a study to assess the impact of mining activities on communities' health particularly respiratory health. The monitoring reports should be publicly accessible, particularly by affected communities.**
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8. **The DMR must ensure that all report and documents, with the exception of strictly confidential information as determined by the DMR, are immediately made available to the public and the DMR is directed to immediately give effect to its PAIA manual.**
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**We express the sincere hope that the DMR, as the competent authority, will give assiduous attention to the above findings and recommendations/directives of the SAHRC in its decision-making pertaining to the above Project.**

**The FSE is a member of the Section 11 advisory committee of the SAHRC pertaining to the implementation of the recommendations/directives of the SAHRC.**

#### **APPLICANT IN NON-COMPLIANCE WITH S 43(4) OF MPRDA**

In terms of the attached Pre-Directive of the Department of Mineral Resources, dated the 14th of September, 2018, the Goosebay Farm (Pty) Ltd (wholly owned by the Van Wyk Land Development Corporation (Pty) Ltd "VLDC" Group) failed to - in terms of section 43(4) of the MPRDA - apply for a closure certificate within the prescribed 180 days of the lapsing of its mining permit.

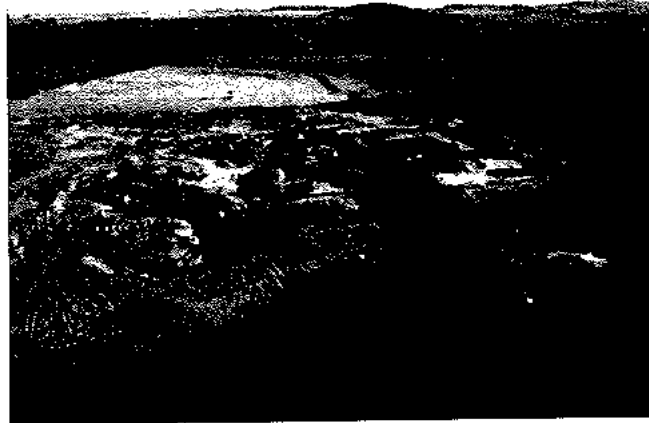


**PURE SOURCE -  
GOOSEBAY - DIRECT**

The same above-mentioned "VLDC" Group applied for a new Mining Right on the 24th of August 2018 as well as an Environmental Authorisation and has submitted its Draft Scoping Report for public comment.

According to the DMR's Pre-Directive, the owner, namely the VLDC Group, furthermore contravened the Environmental Authorisation by failing to:

1. **Submit a monitoring and performance assessment / environmental audit report to the Office of the DMR.**
2. **Apply for a closure certificate and submit a rehabilitation plan.**
3. **Conduct concurrent rehabilitation. Please see the subjoined authentic photographic evidence in substantiation.**



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Since the owner of Pure Source Mine is the same owner of Goosebay Farm (Pty) Ltd., we are of the considered opinion that the above-mentioned contraventions by the owner ought to influence the decision by the DMR, that is, not to grant an environmental authorisation.

The FSE, grounded upon the directive of the DMR, hereby requests a copy of the Applicant’s closure application or certificate and its rehabilitation plan pertaining to its mining permit for its Goosebay Farm (Pty) Ltd.

#### ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

We consider it appropriate to proffer a few comments regarding the EIA Process and the “independency” of the EAP.

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groundwater, soil, air quality, geology, etc. supporting the applicant and being paid for by the applicant. Their objective is not only to fulfil their roles as specialists, but also ensure that the application is successful.

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### SENSE OF PLACE

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In our perusal of the Visual Assessment (Appendix F6) of the above Application, we noticed that the Consultant failed to assess the economic value of this loss of sense of place.

It is part of our law that the potential impact of a development on the sense of place of an area must be considered. In the case of Director: Mineral Development Gauteng Region and another v. Save the Vaal Environment and others 1999 (2) SA 709 (SCA) at 715C, the Supreme Court of Appeals with regard to a *proposed mine on a wetland next to the Vaal river, identified as an environmental concern the “...predicted constant noise, light, dust and water pollution resulting from the proposed strip mine will totally destroy the ‘sense of place’ of the wetland and the associated Cloudy Creek. Thus the spiritual, aesthetic and therapeutic qualities associated with this area will also be eliminated.”*

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### NEED AND DESIRABILITY

In terms of the Principles of the NEMA, the EAP should evaluate the Best Practicable Environmental Option (BPEO).

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The EIA must take into account the environmental sensitivity of the area, the overall environmental and socio-economic costs and benefits of mining as well as the potential strategic importance of the minerals to the country. We therefore call for a full economic evaluation of the proposed sand, gravel and alluvial diamond mining compared with other reasonable/feasible alternative land uses (such as tourism and eco-tourism), as a necessary component of the EIA, in order to demonstrate that mining would be the optimum sustainable land use in the Vaalower area.

This should include an assessment of the opportunity costs, e.g.:

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On page 30 of the Draft Scoping Report (DSR) reference are made to alternatives, which ought to be identified according to:

Activity alternatives, location, alternatives, design or layout alternatives, technology alternatives, operational alternatives and the No Go alternative.

Alternatives to the sites were considered in the DSR but we failed to find an assessment of alternative activities, such as eco-tourism, tourism or agricultural development or consideration of the No Go alternative.

**Alternative activities must be considered as well as the No Go alternative.**

#### CUMULATIVE IMPACTS OF THE PROJECT ON WATER QUALITY AND QUANTITY OF THE INTEGRATED VAAL RIVER SYSTEM

The FSE is a member of number of Governmental Project Steering Committees, Task Teams, Expert Steering Committees, Advisory Committees, Management Committees, etc. pertaining to mine water management and Integrated Vaal River system. Our comments in this regard is therefore not uninformed but well informed.

The land use in the Upper Vaal Water Management Area (MWA) is characterised by the sprawling urban and industrial areas in the northern and western parts of the WMA. There is also extensive coal and gold mining activities located in the Upper Vaal WMA. These

activities are generating substantial return flow volumes in the form of treated effluent from the urban areas and mine dewatering that are discharged into the river system. These discharges are having significant impacts on the water quality (in particular salinity) in the main stem of the Vaal River, throughout all three the WMAs.

Of relevance is the recent SAHRC's inquiry into whether or not the State of the Vaal River violates or threatens human rights including environmental rights in terms of section 24 of the Constitution.

In terms of the DWS' Vaal River System Reconciliation Strategy the Vaal is experiencing a growing deficit and it is rapidly growing worse due to dysfunctional waste water treatment plants, degradation of wetlands, water losses and a decrease in rainfall due to climate change.

Analogous to the above statements, the Riverine Ecology Scoping Assessment of the DSR informs us that:

- **The aquatic fauna of the Vaal River system, particularly in this zone, are threatened** by extensive agriculture, urban development and industrial activities in Vanderbijlpark/Vereeniging.
- This has resulted in the **sedimentation and modification of instream and wetland habitats** associated with the Vaal River.
- In addition the Ermelo **Coal field has resulted in several point source contaminants** from coal mining and power generation activities.
- There is excessive sewerage input.
- The ecological sensitivity is high.
- The Present Ecological Status (PES) of the water course is a class D.
- The Assessment recommends that the management of land use must be conducted in a manner which aims to improve the PES class of the water course.
- The Vaal River basin **supports a critical commercial and industrial area** in South Africa.
- The **Vredefort Dome World Heritage** site is located approximately 33 km **downstream of the proposed project area** and presents **unique instream habitat** which supports high quality spawning sites for the various Cyprinid species (the *Labeobarbus kimberleyensis* is near threatened and the *E. cf. palidus* is a listed species – **a precautionary approach is advised.**
- Several indirect impacts can be expected as a result of the proposed project.
- The impacts associated with the proposed project are related to **increased suspended solids and sedimentation and increased runoff velocities and subsequent erosion, sedimentation and increased suspended solids, and the alteration of the hydrology** with in the considered river reach.

The Assessment Report identified a gap in that the volumes of water which are proposed to be extracted have not been provided and therefore the significance of this impact cannot be defined.

The Assessment Report proposed mitigation measures to reduce the above impacts. We have little confidence, based on the historic performance of the Applicant, that these mitigation measures will be implemented.

We submit that the cumulative impacts on the Vaal River may result in a tipping point for the Vaal River, which will result in major impacts of the environment and the economy since the Vaal River supplies water to 60% of the economy and 45% of the population.

#### WETLANDS

The Wetland Assessment for the proposed project concluded that the potential loss of wetland areas is a **potential fatal flaw** for the proposed project.

The impacts are described as:

- A direct loss of wetlands
- Increase in sedimentation
- Loss of vegetation
- Alteration to the sub-surface hydrogeological flow paths
- Loss of sub surfaced flows

These impacts have high and medium risk scores even after mitigation.

SUBMITTED BY:



Mariette Liefferink.

CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

2018-12-03

## Mmakoena

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**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Tuesday, December 4, 2018 8:17 AM  
**To:** 'Mariette Liefferink'; 'Gavin Aboud'; 'zizo@shango.co.za'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'  
**Cc:** 'Penny'; 'Sampie van Rooyen'; 'kobusvdwalt02@gmail.com'; 'thabo.moloi@outa.co.za'; 'craigrichardson100@gmail.com'; 'azwihangwisi.mulaudzi@dmr.gov.za'; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mariette,

Received.

**Best regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

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**From:** Mariette Liefferink [mailto:mariette@pea.org.za]  
**Sent:** Monday, December 3, 2018 6:09 PM  
**To:** 'Mmakoena'; 'Gavin Aboud'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mmakoena

Please find the FSE's comments attached hereto. Please acknowledge receipt.

Best Regards

Mariette Liefferink

CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

TEL. (+27) 11 465 6910

(+27) 73 231 4893

Postnet Suite #113, Private Bag X153, Bryanston, 2021

E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)

Fax2Email: 0864861363

**From:** Mmakoena [mailto:mmakoena@shango.co.za]

**Sent:** 03 December 2018 01:19 PM

**To:** 'Gavin Aboud' <gavinaboud@vodamail.co.za>; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za

## Mmakoena

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**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 12, 2018 9:54 AM  
**To:** 'Mariette Liefferink'; 'Gavin Aboud'; 'zizo@shango.co.za'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'  
**Cc:** 'Penny'; 'Sampie van Rooyen'; 'kobusvdwalt02@gmail.com'; 'thabo.moloi@outa.co.za'; 'craigrichardson100@gmail.com'; 'azwihangwisi.mulaudzi@dmr.gov.za'; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018  
**Attachments:** RESPONSE - PURE SOURCE - RECAPITULATION OF FSE'S ORAL AND WRITTEN COMMENTS.docx

Dear Mariette,

Thank you very much for your comments.

Please find herewith attached your comments with our responses in red.

Regards,

Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
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the federation for a sustainable environment

(Reg. No. 2007/003002/08)  
NPO NUMBER 062986-NPO  
PBO No. (TAX EXEMPT) 930 039 506  
Postnet Suite #113, Private Bag X153, Bryanston, 2021

COMMENTS ON THE DRAFT SCOPING REPORT OF PURE SOURCE MINE  
(FS 30/5/1/2/2/10048 MR)  
(FS 30/5/1/2/3/2/1/10048 EM)

The following comments are submitted on behalf of the Federation for Sustainable Environment (FSE). The FSE is a federation of community based civil society organisations committed to the realisation of the constitutional right to an environment that is not harmful to health or well-being, and to having the environment sustainably managed and protected for future generations. Their mission is specifically focussed on addressing the adverse impacts of mining and industrial activities on the lives and livelihoods of vulnerable and disadvantaged communities who live and work near South Africa's mines and industries.

The FSE requests that its oral comments during the Public Participation Meeting be recorded verbatim, that is, not as a transcript of the FSE's comments, but the audio visual recording of the FSE's comments, in the Comments and Response Report.

Your request is noted. The notes for the record for the additional public consultation are a summarized version of the comments that were provided at the meeting. In order to ensure that Interested and Affected Parties receive the detailed comments, video recordings of the meeting have been made available on the Shango Solutions website.

We furthermore request that the subjoined written comments be included *in toto* and in context, and not abridged in the Comments and Response Report.

Please refer to response above.

PREFATORY

**The South African Human Rights Commission's (SAHRC) "Report on the National Hearings on the Underlying Socio-Economic Challenges of Mining-Affected Communities"**

***in South Africa***” (2018), its findings and directives have relevance to the proposed project and relevance in particular to the competent authority in this matter, namely the Department of Mineral Resources (DMR).

We consider the findings and recommendations/directives of the SAHRC of significant importance. We therefore find it appropriate to include the following findings in our submission on this Application.

**The SAHRC found that:**

- 1. The Department of Rural Development and Land Reform appear to systematically disregard key pieces of legislation, particularly the Municipal Systems Act 32 of 2000 and the Spatial Land use Management Act 16 of 2013 (SPLUMA).**
- 2. The Department of Mineral Resources (DMR) appear to systematically disregard key pieces of legislation, particularly the Municipal Systems Act, 32 of 2000 and the Spatial Land Use Management Act, 16 of 2013 (SPLUMA).**

**Land use approvals must be secured from the applicable municipalities prior to the DMR granting the licenses or permits.**

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**We express the sincere hope that the DMR, as the competent authority, will give assiduous attention to the above findings and recommendations/directives of the SAHRC in its decision-making pertaining to the above Project.**

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It is our considered opinion that the project will destroy the spiritual, aesthetic and therapeutic qualities associated with this area and will have a significant adverse impact on the tourism and eco-tourism of the Vaaloewer and Vredefort Dome and adjacent tourist attractions. These impacts must be costed (cost/benefit analysis) in order to determine whether the project is the best practicable environmental option for the area.

The economic report has considered sense of place to the extent that it is relevant in assessing potential impacts on property values and tourism. There is no impact category called “economic value of the loss of sense of place” or something similar. The assessment of impacts on property values and tourism is highly reliant on the outputs of the other specialist studies (visual, social, air quality, noise, biodiversity, wetland and hydrology) in terms of content and level of detail. The economic report utilised these studies to determine the impacts on property values and tourism.

#### NEED AND DESIRABILITY

In terms of the Principles of the NEMA, the EAP should evaluate the Best Practicable Environmental Option (BPEO).

The balancing of the negative environmental impacts versus the alleged short term social benefits (which have not accrued in the last period of mining to the local communities) and the economic advantages can only be assessed if the loss to the environment is evaluated.

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- o The achievement of the desired aim/goal for the specific area;
- o Optimising of positive impacts;
- o Minimising of negative impacts;
- o Equitable distribution of impacts; and
- o The maintenance of ecological integrity and environmental quality.

Regulation 50 (d) of the Mineral and Petroleum Resources Development Regulations states that a sustainable development cost-benefit analysis be conducted to determine the best use of alternative land options. To this end, all the sustainable development impacts (social, economic and environmental ) need to be listed and equitably weighed up against one another to determine the best land-use for this and the next generation.

As such, a sustainable development cost-benefit analysis will be conducted during the Environment Impact Assessment (EIA) phase of the project. Land uses that will be considered in the assessment include mining, agriculture and eco-tourism/tourism.

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Alternatives to the sites were considered in the DSR but we failed to find an assessment of alternative activities, such as eco-tourism, tourism or agricultural development or consideration of the No Go alternative.

**Alternative activities must be considered as well as the No Go alternative.**

For any alternative to be considered **feasible**, such an alternative must meet the need and purpose of the proposed activity without presenting significantly high associated impacts. The proposed activity is mining.

### **Activity Alternative**

The geology is the primary driver in determining the location for mining. The application area has been selected based on historical and active mining operations in the immediate surroundings of the application area along with historical and current data that indicate the economic viability of the sand, aggregate/gravel and alluvial diamond minerals to occur. As such, no activity alternatives were considered.

### **No-Go Alternative**

The "No Go" or "No Action" alternative refers to the alternative of not embarking on the proposed project at all. This alternative would denote the current status quo without the proposed project. The No Go alternative as a specific alternative is not considered feasible for the following reasons:

- The Applicant holds an Environmental Authorisation for the establishment of an Eco-Estate with residential, resort and conservation land uses. Certain areas of the application area are currently utilised for agricultural purposes in the form of game farming and maize crop production and eco-tourism. These two functions will continue to remain the primary land uses during the mining activities. If the project is rejected, the Applicant will progress with the establishment of the Eco-Estate (with some agriculture). As such, the status quo of the properties under application will ultimately change, irrespective of the mining activities.
- Mining is important for economic development, to construct durable, modern structures, employment creation and revenue collection.
- Extensive investigations have revealed that there is a shortage of alluvial silica sand in the PWV industrial complex. Alluvial silica sand has a greater utility than silica sand that is created by means of crushing processes. Furthermore, many of the previously existing abundant alluvial silica sand deposits located in the Vaal Triangle are on the verge of being exhausted, thus making the mining of the existing resource at the Pure Source Mine both necessary and desirable, with regards to economic considerations

- Furthermore, if this project is approved, it will ensure that no economically viable mineral resources will be sterilised and that the benefits of the resources available in the area will be maximised.

For the purpose of this project, the need and justification for alternatives was specifically guided by the relatively low sensitivity of the receiving socio-economic and biophysical environment as well as the geology. Three alternative sites are considered for the location of the supporting mining infrastructure within the application area.

#### CUMULATIVE IMPACTS OF THE PROJECT ON WATER QUALITY AND QUANTITY OF THE INTEGRATED VAAL RIVER SYSTEM

The FSE is a member of number of Governmental Project Steering Committees, Task Teams, Expert Steering Committees, Advisory Committees, Management Committees, etc. pertaining to mine water management and Integrated Vaal River system. Our comments in this regard is therefore not uninformed but well informed.

The land use in the Upper Vaal Water Management Area (MWA) is characterised by the sprawling urban and industrial areas in the northern and western parts of the WMA. There is also extensive coal and gold mining activities located in the Upper Vaal WMA. These activities are generating substantial return flow volumes in the form of treated effluent from the urban areas and mine dewatering that are discharged into the river system. These discharges are having significant impacts on the water quality (in particular salinity) in the main stem of the Vaal River, throughout all three the WMAs.

Of relevance is the recent SAHRC's inquiry into whether or not the State of the Vaal River violates or threatens human rights including environmental rights in terms of section 24 of the Constitution.

In terms of the DWS' Vaal River System Reconciliation Strategy the Vaal is experiencing a growing deficit and it is rapidly growing worse due to dysfunctional waste water treatment plants, degradation of wetlands, water losses and a decrease in rainfall due to climate change.

Analogous to the above statements, the Riverine Ecology Scoping Assessment of the DSR informs us that:

- **The aquatic fauna of the Vaal River system, particularly in this zone, are threatened** by extensive agriculture, urban development and industrial activities in Vanderbijlpark/Vereeniging.
- This has resulted in the **sedimentation and modification of instream and wetland habitats** associated with the Vaal River.
- In addition the **Ermelo Coal field has resulted in several point source contaminants** from coal mining and power generation activities.
- There is excessive sewerage input.
- The ecological sensitivity is high.
- The Present Ecological Status (PES) of the water course is a class D.
- The Assessment recommends that the management of land use must be conducted in a manner which aims to improve the PES class of the water course.
- The Vaal River basin **supports a critical commercial and industrial area** in South Africa.



- The **Vredefort Dome World Heritage** site is located approximately 33 km **downstream of the proposed project area** and presents **unique instream habitat** which supports high quality spawning sites for the various Cyprinid species (the *Labeobarbus kimberleyensis* is near threatened and the *E. cf. palidus* is a listed species – a **precautionary approach is advised.**
- Several indirect impacts can be expected as a result of the proposed project.
- The impacts associated with the proposed project are related to **increased suspended solids and sedimentation and increased runoff velocities and subsequent erosion**, sedimentation and increased suspended solids, and the **alteration of the hydrology** with in the considered river reach.

The Assessment Report identified a gap in that the volumes of water which are proposed to be extracted have not been provided and therefore the significance of this impact cannot be defined.

The Assessment Report proposed mitigation measures to reduce the above impacts. We have little confidence, based on the historic performance of the Applicant, that these mitigation measures will be implemented.

We submit that the cumulative impacts on the Vaal River may result in a tipping point for the Vaal River, which will result in major impacts of the environment and the economy since the Vaal River supplies water to 60% of the economy and 45% of the population.

#### WETLANDS

The Wetland Assessment for the proposed project concluded that the potential loss of wetland areas is a **potential fatal flaw** for the proposed project.

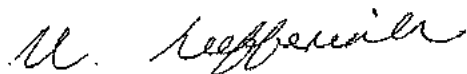
The impacts are described as:

- A direct loss of wetlands
- Increase in sedimentation
- Loss of vegetation
- Alteration to the sub-surface hydrogeological flow paths
- Loss of sub surfaced flows

These impacts have high and medium risk scores even after mitigation.

This section is noted.

SUBMITTED BY:



Mariette Liefferink.

CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

2018-12-03

## Mmakoena

---

**From:** Renee de Jong Hartsliet <renee@bundunet.com>  
**Sent:** Monday, December 3, 2018 8:38 PM  
**To:** Mariette Liefferink  
**Cc:** Mmakoena; Gavin Aboud; Zizo Siwendu; jochen@shango.co.za; Brendan Stefanie; Penny; Sampie van Rooyen; kobus van der walt; thabo.moloi@outa.co.za; Craig Richardson; Azwihangwisi Mulaudzi; Mashudu Mulaudzi; Diane Stevens; Abrie Hanekom Myn; Bob Hartsliet; Chris Campbell; Dina Henstock; Liz Charles; Louis Kruger Lindeq; Tertius Wehmeyer; warrinf@gmail.com  
**Subject:** Re: Comments on the Shango meeting 10 November 2018  
**Attachments:** image003.png; P1 Gavin schedules.mp4; P1 Renee Mining Charter.mp4; P1 Gavin intro of PVE team.mp4

Thank you very much Mariette - I fully endorse your comments and requests!

Dear Mmakoena,

Shango continues to ignore my submissions and questions, both oral and written:

1a) "It is understood that we have captured your comments. However, if we have missed some of your comments, kindly advise so that they can be incorporated into the notes for the record". No, this is completely incorrect - not only have you "missed some comments", you have excluded them all entirely. In the attached extract from your recording of the last meeting, Gavin's introduction of me was lost altogether, as was everything else I said...

1b) ...including my explanation of your "strategy" behind rushed time frames and schedules, which Gavin questioned you about during the meeting

1c) You will notice that, when the meeting Chair Dr David de Waal calls upon me to introduce myself for the record (which I did), there is a break in the video recording, which I construe as extremely sinister. And my comment about avoiding compliance with the Mining Charter has never been placed "on the record"

To rule out the possibility of foul play, I therefore support Mariette and call for you to stop bulldozing your way through the public participation process without providing:

"The FSE requests that its oral comments during the Public Participation Meeting be recorded verbatim, that is, not as a transcript of the FSE's comments, but the audio visual recording of the FSE's comments, in the Comments and Response Report.

We furthermore request that the subjoined written comments be included *in toto* and in context, and not abridged in the Comments and Response Report."

2. Your function is to provide complete and accurate minutes, not only of the Public Participation meeting, but also of the Open Day, which you have audio recordings of. For the record, here, once again are my notes from the Open Day and here are the links

<https://drive.google.com/file/d/1-d1AR2JJUsDm8ULTsMPiYTcQ2okgzPEe/view?usp=sharing>

<https://drive.google.com/file/d/1EAQvhdAxGG89KuT8wO1qllm9-oCMSb14/view?usp=sharing>

Here are bullet points of my report to Gavin:

"Things I found interesting:

1. This was a Public Participation meeting, in their eyes
2. The road is problematic to ALL and Shango is going to have a hard time dealing with the report I will forward them
3. Zoning - they seem to think it can be done AFTER rights have been approved
4. "Sense of Place" is problematic for them

5. Mining Charter - because they APPLIED on 24 August, the Charter was Gazetted on 27 September, their report was published 8 November: Therefore, the only provision in the Charter they do NOT have to comply with is mine ownership

6. At first they said there was a Social and Labour Plan available on their website. But then they said it was with DMR and not available to the public

7. Still non-compliant re rehab - other contractors to blame"

Stop rushing us and provide all IAPs - and the DMR - with all the facts, not garbled, selected extracts of notes. We are entitled to MINUTES. If you find yourselves running up against regulated time frames, please do apply to the DMR for extensions.

3. Please put the Free State Roads Department's damning report about the condition of the S171 (Ngwathe's "scenic route" and entrance to the UNESCO Vredefort Dome World Heritage Site) - as a result of unplanned, unmitigated, cumulative mine traffic - into the public domain and let us know what financial provision your client will make to mitigate against this escalating and extremely hazardous situation

4. From the Open Day recordings, it is clear that your Social and Labour Plan should also be subject to public scrutiny and that the DMR is not the competent authority to determine whether it is suitable for our communities

I look forward to seeing your minutes of both meetings very soon and will be glad to comment upon those in due course.

Kind regards,  
Renee

Renee de Jong Hartslief  
[www.facebook.com/TheSavannahAfrica](http://www.facebook.com/TheSavannahAfrica)  
+27 (0)71 448-4332 c  
Woolridge 65 "Savannah" farm  
Vaal Eden Road  
PO Box 12, Parys 9585  
Free State, South Africa  
[renee@bundunet.com](mailto:renee@bundunet.com)

On Mon, 3 Dec 2018 at 18:09, Mariette Liefferink <[mariette@pea.org.za](mailto:mariette@pea.org.za)> wrote:

Dear Mmakoena

Please find the FSE's comments attached hereto. Please acknowledge receipt.

Best Regards

Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

## Mmakoena

---

**From:** Renee de Jong Hartsliet <renee@bundunet.com>  
**Sent:** Monday, December 3, 2018 8:52 PM  
**To:** Mmakoena  
**Cc:** dennis.holler@snclavalin.com; gavinaboud@vodamail.co.za; jochen@shango.co.za; stefanie@shango.co.za; zizo@shango.co.za  
**Subject:** Re: Venues for placing Final Scoping Report for review by I&APs

All good, thank you Mmakoena. Please see prior email. I will be glad to assist with suggestions about where to place hard copies of a Final Scoping Report as soon as you have complied with our numerous requests for complete and accurate information to inform the report. Best regards, Renee

On Mon, 03 Dec 2018 at 13:56, Mmakoena <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

Good day,

I trust you are well?

We would like to place hard copies of the Final Scoping Report at public venues within the Gauteng, Free State and North West provinces.

Could you kindly provide us with a list of venues (including the address and contact details of the relevant party to contact) within the three provinces where hard copies of the Final Scoping Report can be placed?

Thank you and we look forward to your response.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 12, 2018 9:54 AM  
**To:** 'Renee de Jong Hartsliet'; 'Mariette Liefferink'  
**Cc:** 'Gavin Aboud'; 'Zizo Siwendu'; 'jochen@shango.co.za'; 'Brendan Stefanie'; 'Penny'; 'Sampie van Rooyen'; 'kobus van der walt'; 'thabo.moloi@outa.co.za'; 'Craig Richardson'; 'Azwihangwisi Mulaudzi'; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Myn'; 'Bob Hartsliet'; 'Chris Campbell'; 'Dina Henstock'; 'Liz Charles'; 'Louis Kruger Lindeq'; 'Tertius Wehmeyer'; 'warrinf@gmail.com'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Renee,

Please see our responses (in red) to your mail below.

Dear Mmakoena,

Shango continues to ignore my submissions and questions, both oral and written:

1a) " It is understood that we have captured your comments. However, if we have missed some of your comments, kindly advise so that they can be incorporated into the notes for the record". No, this is completely incorrect - not only have you "missed some comments", you have excluded them all entirely. In the attached extract from your recording of the last meeting, Gavin's introduction of me was lost altogether, as was everything else I said...

1b) ...including my explanation of your "strategy" behind rushed time frames and schedules, which Gavin questioned you about during the meeting

1c) You will notice that, when the meeting Chair Dr David de Waal calls upon me to introduce myself for the record (which I did), there is a break in the video recording, which I construe as extremely sinister. And my comment about avoiding compliance with the Mining Charter has never been placed "on the record"

To rule out the possibility of foul play, I therefore support Mariette and call for you to stop bulldozing your way through the public participation process without providing:

"The FSE requests that its oral comments during the Public Participation Meeting be recorded verbatim, that is, not as a transcript of the FSE's comments, but the audio visual recording of the FSE's comments, in the Comments and Response Report.

We furthermore request that the subjoined written comments be included in toto and in context, and not abridged in the Comments and Response Report."

Thank you for your mail and for providing us with the comments you made during the additional public consultation meeting. Kindly note that your comments have been incorporated into Version 3 of the notes for the record. Version 3 of the Notes for the Record will be included as an appendix to the Final Scoping Report, which will be submitted to the DMR and will be made available to the public from the 14<sup>th</sup> December 2018.

Your suggestion is noted. The notes for the record for the additional public consultation are a summarized version of the comments that were provided at the meeting. In order to ensure that Interested and Affected Parties receive the detailed comments, video recordings of the meeting have been made available on the Shango Solutions website.

2. Your function is to provide complete and accurate minutes, not only of the Public Participation meeting, but also of the Open Day, which you have audio recordings of. For the record, here, once again are my notes from the Open Day and here are the links

<https://drive.google.com/file/d/1-d1AR2JJUsDm8ULTsMPiYTcQ2okgzPEe/view?usp=sharing>

<https://drive.google.com/file/d/1FAQyhdAxGG89KuT8wO1ql1m9-oCMSbI4/view?usp=sharing>

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"Things I found interesting:

1. This was a Public Participation meeting, in their eyes
  2. The road is problematic to ALL and Shango is going to have a hard time dealing with the report I will forward them
  3. Zoning - they seem to think it can be done AFTER rights have been approved
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  6. At first they said there was a Social and Labour Plan available on their website. But then they said it was with DMR and not available to the public
  7. Still non-compliant re rehab - other contractors to blame"
- Stop rushing us and provide all IAPs - and the DMR - with all the facts, not garbled, selected extracts of notes. We are entitled to MINUTES. If you find yourselves running up against regulated time frames, please do apply to the DMR for extensions.

Thank you for providing us with the links to the audio recordings you made at the Open Day. Your recordings will form part of the CD back pocket of the Final Scoping Report and they will also be uploaded on the Shango Solutions website. Kindly be advised that the comments you provided during the Open Day have been incorporated into notes for the record of the Open Day and these notes will form part of the Final Scoping Report submission to the DMR, for their consideration.

3. Please put the Free State Roads Department's damning report about the condition of the S171 (Ngwathe's "scenic route" and entrance to the UNESCO Vredefort Dome World Heritage Site) - as a result of unplanned, unmitigated, cumulative mine traffic - into the public domain and let us know what financial provision your client will make to mitigate against this escalating and extremely hazardous situation

The Free State Roads Department's Report does not form part of the environmental studies that were undertaken in support of this Mining Right application. However, it will be included as an appendix (Correspondence) to the Issues and Responses Report. Furthermore, this report was forwarded to the Traffic Specialist for consideration.

4. From the Open Day recordings, it is clear that your Social and Labour Plan should also be subject to public scrutiny and that the DMR is not the competent authority to determine whether it is suitable for our communities

The Social and Labour Plan is not an environmental report. Hence it was not made available as an appendix to the Draft Scoping Report. The Social and Labour Plan was submitted to the DMR as it forms part of the Mining Right application submission. In addition, the report has been submitted to the Ngwathe Local Municipality for sign off on the Local Economic Development project that is proposed in the Social and Labour Plan. The Social and Labour Plan will be provided to Interested and Affected Parties on request, following approval by the DMR. It is worthwhile to note that the Social and Labour Plan is updated every 5 years.

**Regards,**

## Mmakoena Mmola



[E] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[F] +27 11 678 9731 [C] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

Thank you very much Mariette - I fully endorse your comments and requests!

Dear Mmakoena,

Shango continues to ignore my submissions and questions, both oral and written:

1a) "It is understood that we have captured your comments. However, if we have missed some of your comments, kindly advise so that they can be incorporated into the notes for the record". No, this is completely incorrect - not only have you "missed some comments", you have excluded them all entirely. In the attached extract from your recording of the last meeting, Gavin's introduction of me was lost altogether, as was everything else I said..

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## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Monday, December 3, 2018 1:56 PM  
**To:** 'dennis.holler@snclavalin.com'; renee@bundunet.com; gavinaboud@vodamail.co.za  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Venues for placing Final Scoping Report for review by I&APs

Good day,

I trust you are well?

We would like to place hard copies of the Final Scoping Report at public venues within the Gauteng, Free State and North West provinces.

Could you kindly provide us with a list of venues (including the address and contact details of the relevant party to contact) within the three provinces where hard copies of the Final Scoping Report can be placed?

Thank you and we look forward to your response.

**Regards,**

**Mmakoena Mmola**



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[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913



## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Tuesday, December 4, 2018 4:04 PM  
**To:** 'Mmakoena'; renee@bundunet.com  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; stonewall@telkomsa.net; Dina  
**Subject:** RE: Venues for placing Final Scoping Report for review by I&APs

Good Day,

For the Gauteng venue regarding the scoping report I suggest the following:

Stonewall Café ; Vaalower Drive. Vaalower, Contact Person, Nicolette, 079 388 4514.

Renee can you please suggest a venue for the Free State.

Dina, can you please suggest avenue for the North West,

Kind Regards

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 03 December 2018 01:56 PM  
**To:** dennis.holler@snclavalin.com; renee@bundunet.com; gavinaboud@vodamail.co.za  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Venues for placing Final Scoping Report for review by I&APs

Good day,

I trust you are well?

## Mmakoena

---

**From:** Dina Henstock <dina.henstock@gmail.com>  
**Sent:** Wednesday, December 5, 2018 1:36 PM  
**To:** Gavin Aboud V/O  
**Cc:** Mmakoena; Renee de Jong Hartsliet; zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; stonewall@telkomsa.net  
**Subject:** Re: Venues for placing Final Scoping Report for review by I&APs  
**Attachments:** image003.png

Good day

For the North West venue regarding the scoping report I suggest the following:

Hardware Store at FKA, Main Street, Lindequesdrif. Contact person : Bettie. Phone number: +27729300831

a

On Tue, 4 Dec 2018, 16:02 Gavin Aboud, <[gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)> wrote:

Good Day,

For the Gauteng venue regarding the scoping report I suggest the following:

Stonewall Café ; Vaaloewer Drive. Vaaloewer, Contact Person, Nicolette, 079 388 4514.

Renée can you please suggest a venue for the Free State.

Dina, can you please suggest venue for the North West,

Kind Regards

Gavin Aboud

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 5, 2018 3:33 PM  
**To:** 'Dina Henstock'; gavinaboud@vodamail.co.za  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; renee@bundunet.com  
**Subject:** RE: Venues for placing Final Scoping Report for review by I&APs

Dear Gavin and Dina,

Thank you for providing us with venues to place the Final Scoping Report.

Your assistance in this regard is much appreciated.

May you enjoy the rest of the day.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.952913

**From:** Dina Henstock [mailto:dina.henstock@gmail.com]  
**Sent:** Wednesday, December 5, 2018 1:36 PM  
**To:** Gavin Aboud V/O  
**Cc:** Mmakoena; Renee de Jong Hartsliet; zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; stonewall@telkomsa.net  
**Subject:** Re: Venues for placing Final Scoping Report for review by I&APs

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Hardware Store at FKA, Main Street, Lindequesdrif. Contact person : Bettie. Phone number: +27729300831

Dina

On Tue, 4 Dec 2018, 16:02 Gavin Aboud, <[gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)> wrote:

Good Day,

For the Gauteng venue regarding the scoping report I suggest the following:

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Wednesday, December 5, 2018 6:55 AM  
**To:** 'Mmakoena'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Mariette Liefferink'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Good Day Shango,

I refer to your comments in red below.

It is our understanding that we have accurately recorded Mariette's comments. Kindly advise should you perceive that they were inaccurately recorded.

You have received a very detailed document from Mariette highlighting the inaccuracies, please make sure they are incorporated verbatim, and redistribute the record for perusal.

Noted. Kindly be advised that applications are processed in terms of the EIA 2014 Regulations, as amended. As such, there are legislated timeframes which we have to adhere to

Not so, you can and have applied for extensions, do not impose your deadlines on us. I made this point very clear at the meeting!

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 03 December 2018 01:19 PM  
**To:** 'Gavin Aboud'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Mariette Liefferink'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 12, 2018 9:55 AM  
**To:** 'Gavin Aboud'; 'zizo@shango.co.za'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'  
**Cc:** 'Penny'; 'Mariette Liefferink'; 'Sampie van Rooyen'; 'kobusvdwalt02@gmail.com'; 'thabo.moloi@outa.co.za'; 'craigrichardson100@gmail.com'; 'azwihangwisi.mulaudzi@dmr.gov.za'; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Gavin,

Thank you for your mail. Please see our responses in red.

You have received a very detailed document from Mariette highlighting the inaccuracies, please make sure they are incorporated verbatim, and redistribute the record for perusal.

Kindly note that we have responded to Mariette's document titled "COMMENTS ON THE DRAFT SCOPING REPORT OF PURE SOURCE MINE (FS 30/5/1/2/2/10048 MR) (FS 30/5/1/2/3/2/1/10048 EM)".

Not so, you can and have applied for extensions, do not impose your deadlines on us. I made this point very clear at the meeting!

Your point is noted.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** Wednesday, December 5, 2018 6:55 AM  
**To:** 'Mmakoena'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Mariette Liefferink'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Good Day Shango,

I refer to your comments in red below.

It is our understanding that we have accurately recorded Mariette's comments. Kindly advise should you perceive that they were inaccurately recorded.

## Mmakoena

---

**From:** Renee de Jong Hartsliet <renee@bundunet.com>  
**Sent:** Wednesday, December 5, 2018 3:48 PM  
**To:** Gavin Aboud  
**Cc:** Dina Henstock; Mmakoena; jochen@shango.co.za; Brendan Stefanie; stonewall@telkomsa.net; Zizo Siwendu  
**Subject:** Re: Venues for placing Final Scoping Report for review by I&APs

Yes sure Gavin. The traditional places for such documents in Ngwathe are the Parys and Tumahole libraries, Fezile Dabi District and Ngwathe Local municipal offices.

On Tue, 04 Dec 2018 at 16:04, Gavin Aboud <[gavinaboud@vodamail.co.za](mailto:gavinaboud@vodamail.co.za)> wrote:

Good Day,

For the Gauteng venue regarding the scoping report I suggest the following:

Stonewall Café ; Vaaloewer Drive. Vaaloewer, Contact Person, Nicolette, 079 388 4514.

Renee can you please suggest a venue for the Free State.

Dina, can you please suggest avenue for the North West,

Kind Regards

Gavin Aboud

Chairman

Protect Vaal Eden Committee

083 281 5045

## Mmakoena

---

**From:** Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>  
**Sent:** Thursday, December 6, 2018 11:34 AM  
**To:** Mmakoena  
**Subject:** RE: Pure Source Mine

For a start see the items in RED  
This never happened

### 2.2 What rights are required to conduct exploration?

In South African law there is a distinction between prospecting and exploration. Prospecting relates to searching for minerals other than petroleum and exploration relates to searching for petroleum. Petroleum relates to liquid, solid hydrocarbons or combustible gas but excludes coal and bituminous shale. In order to conduct prospecting for minerals (other than petroleum), an applicant has to apply for and be granted a prospecting right. In order to procure the grant, The Minister is obliged to grant the prospecting right if the applicant has access to financial resources and technical ability, can conduct the prospecting in accordance with the prospecting work programme and if the prospecting will not result in unacceptable pollution, degradation or damage to the environment. Prospecting rights are granted for a maximum period of five years and are renewable once for period of up to three years. The holding of a prospecting right grants exclusivity to the holder in regard to an application for a mining right. In regard to petroleum, an applicant has to apply for an exploration right in terms of the petroleum chapter of the MPRDA.

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 05 December 2018 14:29  
**To:** Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>; Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Pure Source Mine

Good day,

Thank you for completing the comments and responses form provided to you at the additional public consultation held on the 10<sup>th</sup> November 2018.

Kindly be advised that you have been registered as Interested and Affected Parties and will be kept up to date with any developments regarding this project.

Below (in red) are our responses to the concerns you raised.

- **Environmental impact, destruction of roads and danger travelling on narrow road or night driving.**  
Noted. A visual investigation of the relevant section of the road S171 was conducted as part of the Traffic Impact Assessment. It was noted that the road surface is in a poor condition with multiple potholes and it is possibly deteriorating. As such, it is recommended that a Roads Maintenance Plan be prepared, in collaboration with other landowners, developments and relevant roads authority, to ensure the availability of a road network to transport workers and mined product. In addition, a pavement design specialist should be commissioned to investigate the roadway layers in order to identify any collapsing and deterioration of the roadway layers.

## Mmakoena

---

**From:** Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>  
**Sent:** Thursday, December 6, 2018 12:09 PM  
**To:** Mmakoena  
**Subject:** RE: Pure Source Mine

See Text highlighted in RED

### 3.3 Are there requirements for ownership by indigenous persons or entities?

There are no requirements for foreign ownership by indigenous persons or entities in entities holding prospecting rights or mining rights in South Africa. However, there is a requirement that at least 26% of the attributable units of production of prospecting or mining projects should be held by historically disadvantaged South Africans. A mining charter dealing with the transformation of the mining industry to assist the entrance of historically disadvantaged South Africans into the minerals and mining industry applies to all holders of prospecting rights and mining rights. A mining charter was published in 2004 when the MPRDA came into effect but has since been substituted by an amended mining charter in 2010.

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 05 December 2018 14:29  
**To:** Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>; Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Pure Source Mine

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- **The Applicant has proven not to care for rules and regulations. Currently continuing with work, no equal opportunity for prospecting rights, eco-estate doing mining.**  
It is understood that rehabilitation activities are currently taking place on-site. The process to obtain the necessary Environmental Authorisation for establishing the eco-estate was initiated more than a decade ago (thus confirming the landowner's intentions in this regard). The environmental authorities were approached in terms of the relevant legislation. The Record of Decision (RoD) confirming the Environmental Authorisation was accordingly issued in 2011. Mining is an interim land use. Could you kindly elaborate on what your mean by 'no equal opportunity for prospecting rights'?



## Mmakoena

---

**From:** Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>  
**Sent:** Thursday, December 6, 2018 12:20 PM  
**To:** Mmakoena  
**Subject:** RE: Pure Source Mine

Could you please note Text highlighted in RED below.  
This action needs to be attended too.

#### 4.1 Are there special regulatory provisions relating to processing and further beneficiation of mined minerals?

The MPRDA provides that before any person intends to beneficiate any mineral mined in the Republic of South Africa outside the Republic, the holder may only do so after written notice and in consultation with the Minister. The holder of a mining right is entitled to process minerals mined under the auspices of a mining right as the holder of a mining right. However, there are further regulatory provisions that are applicable to the processing of precious metals and diamonds and these requirements are regulated by the Precious Metals Act, 2005 and the Diamonds Act, 1986, respectively. The Amendment Bill referred to in question 3.2 above provides that every producer of designated minerals must offer local beneficiaries a prescribed percentage of its production of minerals or mineral products in prescribed quantities, qualities and timelines at the mine gate price or agreed priced

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 05 December 2018 14:29  
**To:** Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>; Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>  
**Cc:** zizo@shango.co.za  
**Subject:** RE: Pure Source Mine

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- **The Applicant has proven not to care for rules and regulations. Currently continuing with work, no equal opportunity for prospecting rights, eco-estate doing mining.**

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 12, 2018 9:55 AM  
**To:** 'Rudi Liebenberg'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: Pure Source Mine

Dear Rudi,

Your correspondence is acknowledged. Thank you.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Rudi Liebenberg [mailto:rudi.liebenberg@fuchs.co.za]  
**Sent:** Thursday, December 6, 2018 11:34 AM  
**To:** Mmakoena  
**Subject:** RE: Pure Source Mine

For a start see the items in RED  
This never happened

### 2.2 What rights are required to conduct exploration?

In South African law there is a distinction between prospecting and exploration. Prospecting relates to searching for minerals other than petroleum and exploration relates to searching for petroleum. Petroleum relates to liquid, solid hydrocarbons or combustible gas but excludes coal and bituminous shale. In order to conduct prospecting for minerals (other than petroleum), an applicant has to apply for and be granted a prospecting right. In order to procure the grant, The Minister is obliged to grant the prospecting right if the applicant has access to financial resources and technical ability, can conduct the prospecting in accordance with the prospecting work programme and if the prospecting will not result in unacceptable pollution, degradation or damage to the environment. Prospecting rights are granted for a maximum period of five years and are renewable once for period of up to three years. The holding of a prospecting right grants exclusivity to the holder in regard to an application for a mining right. In regard to petroleum, an applicant has to apply for an exploration right in terms of the petroleum chapter of the MPRDA.

**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 05 December 2018 14:29  
**To:** Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>; Rudi Liebenberg <rudi.liebenberg@fuchs.co.za>

## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Monday, December 10, 2018 11:35 AM  
**To:** 'Mashudu Mulaudzi'  
**Cc:** 'Mmakoena'; zizo@shango.co.za  
**Subject:** WITH APOLOGY AND FINAL COMMENTS ON THE PROPOSED PURE SOURCE MINE PROJECT (FS 30/5/1/2/3/2/1/10048 EM)

Dear Mr Mulaudzi

1. I thank you sincerely for the notification. Please accept my apology for my error in transmission.
2. Permit me please to use this opportunity to augment the Federation for a Sustainable Environment's (FSE) previous comments on the Draft Scoping Report of the above-mentioned Mine Project. The time for comment may have prescribed. It is for this reason that I am submitting the FSE's final comments on the Draft Scoping Report directly to you for consideration. I nonetheless copy the EAP on this submission.
3. Our comments in this submission are confined to the Economic Specialist Study for the Draft Scoping Report.
4. The FSE recognises the importance of economic development. The South African mining industry is smaller than it was in 1994, despite global market dominance in some deposits, and there may be a sense of urgency prevailing around promoting mining investment. The question, which arises, however, is whether development is a Constitutional Right in terms of the Bill of Rights and whether it trumps the Constitutional Right to an environment that is not harmful to health and wellbeing (s 24 of the Bill of Rights). It logically follows from a reading of the Bill of Rights that while the right to an environment that is not harmful to health and well-being is enshrined in the Bill of Rights, the same status is not afforded to development. We find that the Bill of Rights is silent regarding the right to development except to state in s 24 that development must be ecologically sustainable and economically justifiable, and must give effect to inter-generational equity.
5. In determining whether or not environmental authorisation of the above-mentioned project should be granted, the FSE respectfully requests the DMR to give careful consideration to the above-mentioned relationship between the right to environment and the right to development in the South African Constitution. S 24(a) imposes strong positive obligations on decision-makers, and an approach which must be consistent with the Constitutional Court's characterisation of this right.
6. In two recent decisions, the Constitutional Court provided guidance on the meaning of 'ecologically sustainable development', thereby informing on the nature of the state's obligations in terms of the right.
  - 6.1 Firstly, the court stated that sustainable development requires recognition of the inexorable links between socio-economic development and the environment: Development cannot subsist on a deteriorating environmental base – unlimited development is detrimental to the environment and the destruction of the environment is detrimental to development. All decision- and law-making processes therefore need to integrate economics and ecology – not just to protect the environment, but to protect and promote future development as well.
  - 6.2 Secondly, sustainable development requires the provision for all of an adequate livelihood base and equitable access to adequate resources, including future generations. In the Fuel Retailers' case, the Court stated: *'The importance of the protection of the environment cannot be gainsaid. Its protection is vital to the enjoyment of the other rights contained in the Bill of Rights; indeed it is vital to life itself. It must therefore be protected for the benefit of the present and future generations. The present generation holds the earth in trust for the next generation. This trusteeship position carries with it the responsibility to look after the environment'*.

7. Of relevance too is the fact that the National Development Programme, does not state that mining investment and production is “urgent”, but rather that “[i]t is urgent to stimulate mining investment and production in a way that is *environmentally sound ...*”. (Emphasis added.)
  8. The Economic Specialist Study informs us that:
    - 8.1 The project area falls within areas with a high or moderately-high biodiversity value and that even with mitigation, the impacts are of moderate to high significance.
    - 8.2 **Tourism plays an important role in the economy of the local area and wider region and has the potential to play an increasingly prominent role as a driver of economic development.**
    - 8.3 Visual, air quality, noise and water quality impacts combined with a loss of conservation are likely to be the key concerns for tourism.
    - 8.4 The Vredefort Dome, UNESCO World Heritage Site is located in close proximity to the project area.
    - 8.5 Many of the riverside properties adjacent to the site have been developed into establishments which offer accommodation as well as fishing and other forms of riverside recreation.
    - 8.6 The Desktop research revealed that there are at least 18 tourism establishments situated within 2km of the project site boundaries.
  9. Dr Hugo van Zyl, the specialist who compiled the Economic Specialist Study on behalf of the Applicant, made the following recommendations in the Specialist Study Report:
    - 9.1 *“Impacts on tourism are primarily dependent on how project operations are designed, constructed and executed to minimise negative biophysical and social impacts and enhance positive impacts.*
    - 9.2 *“**Serious consideration should be given to funding tourism enhancement projects in collaboration with local tourism stakeholders as part of the mine’s future Social and Labour Plan (SLP) contributions. This is a particular need given limited concerted efforts in this regard in the local area. Assistance could, for example, encompass tourism planning, promotion, capacity building, enterprise development and the provision of tourist facilities.***
    - 9.3 *“With regard to rehabilitation, if one takes a sample of mines throughout South Africa, it is clear that rehabilitation effort and success can be highly variable even if all mines are required to abide by the same regulations (see van Zyl et al., 2012). This variability can be seen when comparing both operating and closed mines. It therefore stands to minimising impacts, much will depend not only on how the applicant’s EMP is conceived but critically and how it is implemented in partnership with the relevant authorities and other stakeholders. Rehabilitation needs to be rigorously applied and adequately funded both concurrently and at closure, especially to minimise visual scarring and other tourism risks”.*
- (Emphasis added.)
10. Grounded upon the Applicant’s historical performance, IAPs have little confidence that the Applicant will apply rehabilitation needs rigorously and adequately fund concurrent and closure rehabilitation.
  11. We express the hope that the DMR will give assiduous consideration to the abovementioned facts in its decision-making.

Best Regards  
Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT  
TEL. (+27) 11 465 6910  
(+27) 73 231 4893  
Postnet Suite #113, Private Bag X153, Bryanston, 2021  
E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)  
Fax2Email: 0864861363

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Wednesday, December 12, 2018 4:59 PM  
**To:** 'Mmakoena'; stefanie@shango.co.za; jochen@shango.co.za; zizo@shango.co.za  
**Cc:** craigrichardson100@gmail.com; thabo.moloi@outa.co.za; kobusvdwalt02@gmail.com; 'Mariette Lieferink'; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Economic impacts of mines on property and tourism  
**Attachments:** 135 Vaaloewer Martin advert.png; Erf 135 Our ad on Property24.png; Sale of Erf 135 on 22 november 2018.pdf; Screenshot\_2018-12-12 4 Bedroom House for sale in Vaaloewer T1438025 Private Property.png; Screenshot\_2018-12-12 4 Bedroom House for sale in Vaaloewer T1507203 Private Property.png; Sale of ERf 554 dated 2 September 2018).pdf; 17 Vaaloewer.png; Alfie email.pdf; Lightstone Erf 923 Portion 5.pdf; Erf 17 Purchase agreement.pdf

Good Day Shango,

Please see mail below.

Please see attached.

Please send this to your economic consultant who you says property values will increase.

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045

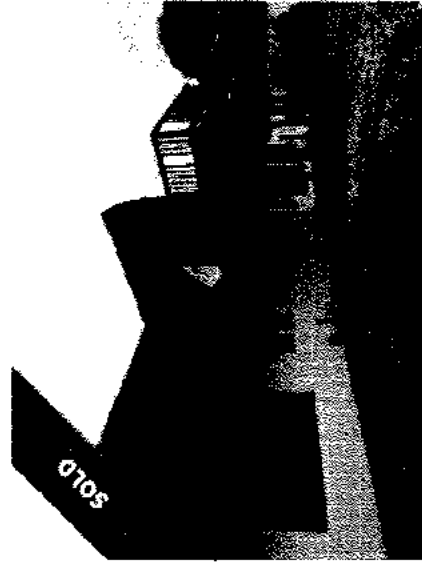


---

**From:** Liz Charles [mailto:liz@lizcharles.co.za]  
**Sent:** 12 Dec 2018 03:34 PM  
**To:** "  
**Subject:** RE: Request for interview - economic impacts of mines on property and tourism

Good morning,

# The property you are looking for is no longer available on Property24



**R 1 000 000**

**3 Bedroom House for sale in Vaaloever**

Come enjoy a glass of wine or brandy with the most beautiful sunsets from the upstairs deck. Three sun-splashed bedrooms with views out onto the garden, along with two bath rooms. ...



3



2



1

Erf Size: 841 m<sup>2</sup>

Agency



View all properties for sale by Liz  
Charles Estatees

Property you are looking for is no longer available  
on 2024



**R 1 000 000**

**3 Bedroom House for sale in Vaaloeuw**

Come enjoy a glass of wine or brandy with the most beautiful sunsets from the upstairs deck. Three sun-splashed bedrooms with views out onto the garden, along with two bathrooms. ...

 3  2  1 Erf Size: 841 m<sup>2</sup>

Agency



View all properties for  
Charles Estates

property you are looking for is no longer available  
er.y24



**R 1 000 000**

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 3  2  1 Erf Size: 841 m<sup>2</sup>

Agency



View all properties for  
Charles Estates



**Liz Charles**

---

**Subject:** FW: Vaaloewer Property

**From:** Alfie Roberts [<mailto:alfroberts1074@hotmail.co.uk>]  
**Sent:** 01 Oct 2018 02:13 PM  
**To:** Liz Charles  
**Cc:** Kathrine Roberts; natalie swales; Samantha Preuss  
**Subject:** Re: Vaaloewer Property

Hi Liz and whoever may be concerned

- NS
- Sorry for the delay getting back to you but I wanted to discuss this with the family. A few points were raised such as the 8% commission why it has suddenly gone to 8% whereas when the property was at a million the commission worked out at 5% but now the price is lower it works out to 8% can you explain this to me. I appreciate it is hard times in the housing market but it is me who will be taking the biggest knock coming down from a million which the commission was fifty thousand split between three agents what justifies the additional 3 % .
  - The aerial photos where it shows the boundary walls of the property don't line up with the stand position who is responsible for this to be sorted out as this will effect Frans Earle stand 18 as well.
  - In your sales pitch you mention that there are cracks in the walls caused by the extra weight on the thatch when it rains this is not correct the only thing that needs doing is for the top layer of the thatch to be refurbished and combed which I had a quote of R10,000 the cracks are surface cracks in the plaster which could have been done a lot better if I had been there to supervise. If you could please come back and let me know about the commission

Regards

Alfie

---



260 Vlaarand St. Vaalwater  
 VANDERBIJLPARK  
 TEL : 016 987 1255  
 FAX : 086 267 8541  
 CELL : 083 316 7477  
 EMAIL : [liz@lizcharles.co.za](mailto:liz@lizcharles.co.za)

OFFER TO PURCHASE

Name and Identity Number Thabile Maphosa (8210206152081) as representative for DV Mofokeng Trust (IT 4739/12)  
 And  
 Name and Identity Number

Married in/out Community of Property / Unmarried

OF: (Postal Address) Aber, Pretoria Campus, Block A, 337 Petroleum Street, Hilltop Pretoria, 0181  
 (hereafter known as the PURCHASER)

AND

ALFRED WILLIAM ROBERTS ID 480109 5072 180  
 Name and Identity Number

Unmarried

OF: (Postal Address)

(hereafter known as the SELLER)

1. The SELLER sells to the PURCHASER the following PROPERTY:

Erft 17 Vaalwater Vanderbijlpark  
 Stand No  
17 Vink Street, Vaalwater Vanderbijlpark  
 Street Address

The PURCHASE PRICE of the said property is the amount of  
R630 000  
 and is payable as follows:

R630 000  
 Payable on registration of the property in the purchaser's name by way of guarantees to be furnished within 45 days

*Handwritten signatures and initials*

**3. OCCUPATION & OWNERSHIP**

Occupation of the said property shall be given to the PURCHASER on REGISTRATION

Ownership of the property shall be vested with the SELLER until registration of the Property in the name of the PURCHASER.

**4. TRANSFER COSTS**

The SELLER shall be liable for the payment of all transfer costs, transfer duty, stamp duty and all other monies required for this purpose on demand by the conveyancer, namely,  
**Mr Nash Engelbrecht and Mr Adrian Engelbrecht**

**5. VOTESTOCKS**

The property is sold vobtestock as it stands and in the condition as set out on the attached (to be made) Property Condition Report, as prescribed by the Estate Agency Affairs Board, by the Seller or an independent valuer who declares that the Property is suitable for its intended purpose as a residential dwelling. The declaration provided by the Seller provides a detailed list of any defects in and damage to the Property which declaration is made by the Seller with the bona-fide intention to disclose those defects to the Purchaser. The PURCHASER acknowledges that he has inspected the said property and is fully satisfied with the state and condition thereof. The Purchaser is entitled to accept the Property in the same condition as when the Purchaser inspected the Property. The Seller confirms that there are no approved plans for the building or land at the land under sale.

**6. CANCELLATION**

Should the PURCHASER fail to comply with any of his obligations as set out in this agreement and the SELLER has given the PURCHASER 10 (TEN) days written notice by registered post to meet and comply with the same and should he still fail to do so, the SELLER shall have the right of rescission and to:

- a.1 Cancel this agreement by means of a letter sent by registered post, in which case the PURCHASER shall forfeit all monies paid by him in terms of this agreement in favour of the SELLER without prejudice to any further rights he may have in law, especially in respect to claim damages from the PURCHASER;
- a.2 Demand full payment of the outstanding balance still owing on the said purchase price.

**7. JURISDICTION**

- 7.1 Both SELLER and PURCHASER hereby consent to the jurisdiction of the Magistrate's Court in terms of Section 45(1) of the Magistrates Court Act, should any dispute arise as a result of this agreement.
- 7.2 Should the agent become involved in any legal action, against or on behalf of the parties, the agent and all parties hereby consent to the jurisdiction of the court in the way set out in paragraph 7.1 above.

Handwritten signature and date: 10/11/2011

# Property Report



**Client:** LIZ CHARLES ESTATES  
**User:** LIZ CHARLES  
**Tracking #:** Blueprint\_Prop:20181212072100  
**Report Date:** 2018/12/12  
**Report #:** 33072479

## Property Details

|                                  |                    |                                |  |
|----------------------------------|--------------------|--------------------------------|--|
| <b>Property Type:</b>            | FREEHOLD           | <b>Legal Description:</b>      | Ptn 5 Erf 923 VAALOEWER EMFULENI LOCAL MUNICIPALITY GAUTENG  |
| <b>Province:</b>                 | GAUTENG            | <b>Municipality:</b>           | Emfuleni   |
| <b>Township:</b>                 | VAALOEWER          | <b>Erf #:</b>                  | 923  |
| <b>Portion #:</b>                | 5                  | <b>Street:</b>                 | Not Available  |
| <b>Suburb:</b>                   | VAALOEWER          | <b>Last Sales Price:</b>       | R 60 000 (Possibly Land Only)                                |
| <b>Street #:</b>                 | Not Available      | <b>Coordinates (Lat Long):</b> | Google Maps: -26.7378, 27.6018   <a href="#">Street View</a> |
| <b>Last Sales Date:</b>          | 20180711           | <b>SG Code:</b>                | T01Q0415000092300005   |
| <b>Land Size (Registered):</b>   | 510 m <sup>2</sup> |                                |  |
| <b>Land Size (Cadastral):</b>    | 510 m <sup>2</sup> |                                |  |
| <b>Estimate Size Under Roof:</b> | Not Available      |                                |  |

## Owner Details

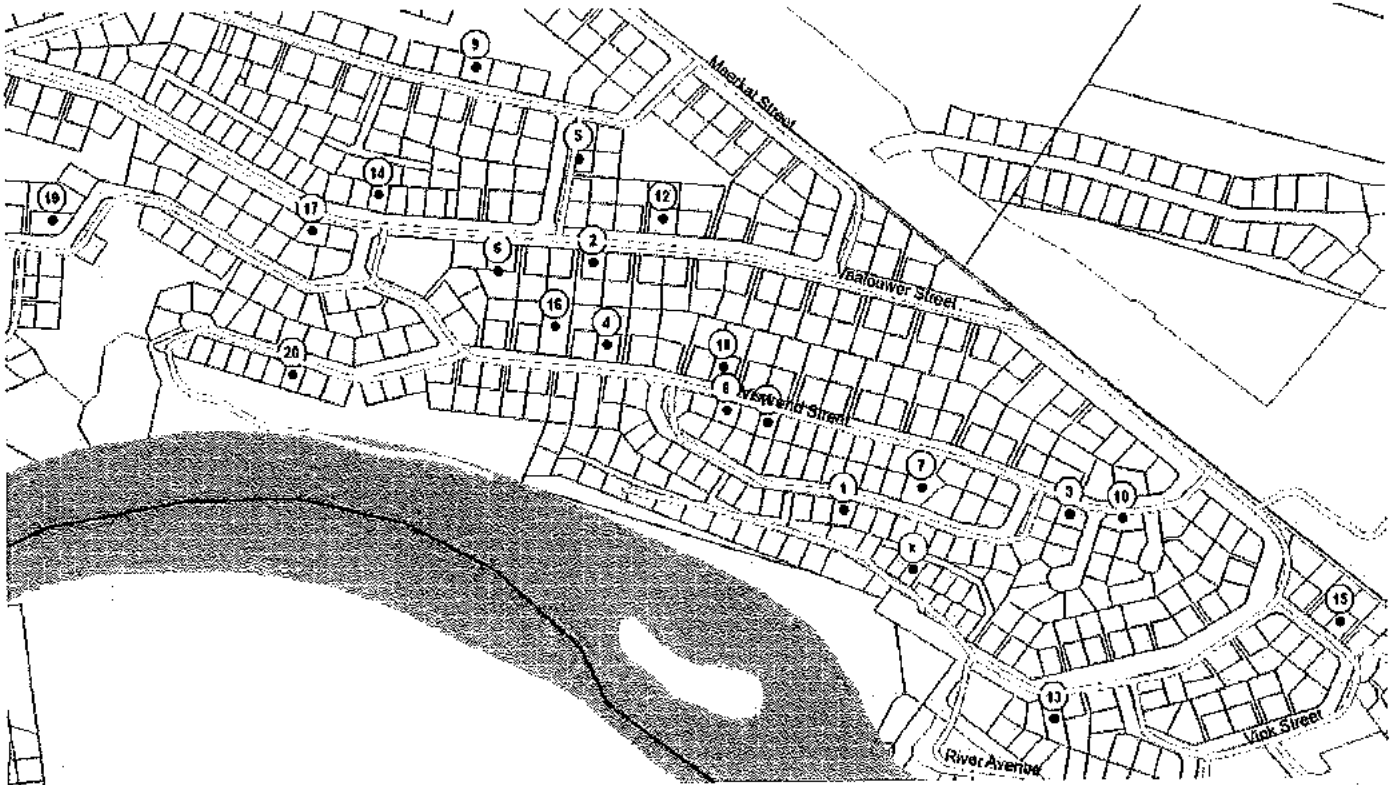
| Owner Name         | ID / Registration Number | Title Deed No | Share | Marital Status |
|--------------------|--------------------------|---------------|-------|----------------|
| MAHLOMBE LINDELANI | 9009210584083            | T78146/2018   |       | Not Available  |

## Imagery



Google

Map data ©2018 All rights reserved. Imagery ©2018 Google, TerraMetrics



| Street Address                    | Township  | Erf   Portion | Sales Date | Reg Date | Sales Price | Size                | R/m2    | Distance | Cash                                |   |   |   |     |
|-----------------------------------|-----------|---------------|------------|----------|-------------|---------------------|---------|----------|-------------------------------------|---|---|---|-----|
| 1 114 VISAREND STREET VAALOEWER   | VAALOEWER | 114   0       | 20171207   | 20180412 | R 1 550 000 | 692 m <sup>2</sup>  | R 2 240 | 98       | <input checked="" type="checkbox"/> | - | - | - | -   |
| 2 VAALOEWER                       | VAALOEWER | 654   0       | 20171109   | 20180404 | R 700 000   | 784 m <sup>2</sup>  | R 893   | 482      | <input checked="" type="checkbox"/> | - | - | - | -   |
| 3 102 VISAREND STREET VAALOEWER   | VAALOEWER | 102   0       | 20161106   | 20161213 | R 900 000   | 718 m <sup>2</sup>  | R 1 257 | 174      | <input checked="" type="checkbox"/> | - | - | - | -   |
| 4 VAALOEWER                       | VAALOEWER | 730   0       | 20170319   | 20170624 | R 775 000   | 783 m <sup>2</sup>  | R 990   | 408      | <input checked="" type="checkbox"/> | - | - | - | -   |
| 5 VAALOEWER                       | VAALOEWER | 633   0       | 20180308   | 20180515 | R 635 000   | 697 m <sup>2</sup>  | R 911   | 584      | <input type="checkbox"/>            | - | - | - | -   |
| 6 VAALOEWER                       | VAALOEWER | 648   0       | 20180626   | 20180910 | R 960 000   | 1396 m <sup>2</sup> | R 688   | 549      | <input type="checkbox"/>            | - | - | - | -   |
| 7 VAALOEWER                       | VAALOEWER | 131   0       | 20171001   | 20171220 | R 1 400 000 | 1145 m <sup>2</sup> | R 1 223 | 93       | <input type="checkbox"/>            | - | - | - | -   |
| 8 706 VISAREND STREET VAALOEWER   | VAALOEWER | 148   0       | 20161016   | 20170125 | R 875 000   | 657 m <sup>2</sup>  | R 1 332 | 265      | <input type="checkbox"/>            | - | - | - | -   |
| 9 VAALOEWER                       | VAALOEWER | 499   0       | 20180303   | 20180524 | R 850 000   | 900 m <sup>2</sup>  | R 944   | 732      | <input type="checkbox"/>            | - | - | - | -   |
| 10 VISAREND STREET VAALOEWER      | VAALOEWER | 92   0        | 20170926   | 20180206 | R 1 550 000 | 864 m <sup>2</sup>  | R 1 794 | 224      | <input type="checkbox"/>            | - | - | - | -   |
| 11 147 VISAREND STREET VAALOEWER  | VAALOEWER | 146   0       | 20160524   | 20160815 | R 1 150 000 | 600 m <sup>2</sup>  | R 1 917 | 226      | <input type="checkbox"/>            | - | - | - | -   |
| 12 723 VAALOEWER STREET VAALOEWER | VAALOEWER | 626   0       | 20170928   | 20171126 | R 1 300 000 | 870 m <sup>2</sup>  | R 1 494 | 477      | <input checked="" type="checkbox"/> | - | - | - | -   |
| 13 21 VAALOEWER STREET VAALOEWER  | VAALOEWER | 21   0        | 20160414   | 20160627 | R 800 000   | 1064 m <sup>2</sup> | R 752   | 226      | <input type="checkbox"/>            | - | - | - | -   |
| 14 VAALOEWER                      | VAALOEWER | 587   0       | 20170309   | 20170731 | R 610 000   | 806 m <sup>2</sup>  | R 1 007 | 701      | <input type="checkbox"/>            | - | - | - | -   |
| 15 53 RIVIER STREET VAALOEWER     | VAALOEWER | 50   0        | 20160901   | 20170224 | R 550 000   | 339 m <sup>2</sup>  | R 1 622 | 446      | <input type="checkbox"/>            | 2 | 1 | - | 80  |
| 16 734 VISAREND STREET VAALOEWER  | VAALOEWER | 948   0       | 20160826   | 20161118 | R 730 000   | 1763 m <sup>2</sup> | R 414   | 483      | <input checked="" type="checkbox"/> | - | - | - | -   |
| 17 136 VAALOEWER STREET VAALOEWER | VAALOEWER | 745   0       | 20160804   | 20161007 | R 725 000   | 731 m <sup>2</sup>  | R 992   | 734      | <input type="checkbox"/>            | - | - | - | -   |
| 18 VAALOEWER                      | VAALOEWER | 722   0       | 20161108   | 20170522 | R 1 650 000 | 850 m <sup>2</sup>  | R 1 941 | 303      | <input type="checkbox"/>            | - | - | - | -   |
| 19 VAALOEWER                      | VAALOEWER | 761   0       | 20170605   | 20171016 | R 660 000   | 1652 m <sup>2</sup> | R 627   | 976      | <input type="checkbox"/>            | 2 | 1 | - | 130 |
| 20 VAALOEWER                      | VAALOEWER | 179   0       | 20161017   | 20161212 | R 1 800 000 | 600 m <sup>2</sup>  | R 3 000 | 680      | <input type="checkbox"/>            | - | - | - | -   |

Offer to purchase

### Comparable Valuation

Comparable Average Sales Price: R 1 008 500

### Municipal Valuation

Municipal Valuation: R 160 000  
Rating Period: 2017/2018  
Usage Category: VACANT

Year of Valuation: 2013  
Estimated Monthly Rates: R 112  
Usage: RESIDENTIAL

### Sales In Execution and Properties In Possession

No data for Sales In Execution and Properties In Possession

### Bond Details

No bonds registered on the selected property

### Other Endorsements

No endorsements info on the selected property.

### Servitudes

No servitudes info on the selected property.

### Transfer History

| Buyer                     | Seller                            | Reg Date | Purchase Date | Purchase Price | Title Deed No |
|---------------------------|-----------------------------------|----------|---------------|----------------|---------------|
| MAHLOMBE LINDELANI        | RENSBURG MICHAL ABRAHAM JANSE VAN | 20181031 | 20180711      | R 60 000       | T76146/2018   |
| RENSBURG MICHAL JANSE VAN | SHANIKE INV NO 41 PTY LTD         | 20070731 | 20070523      | R 230 000      | T101533/2007  |

### Transfer Summary for past 3 months

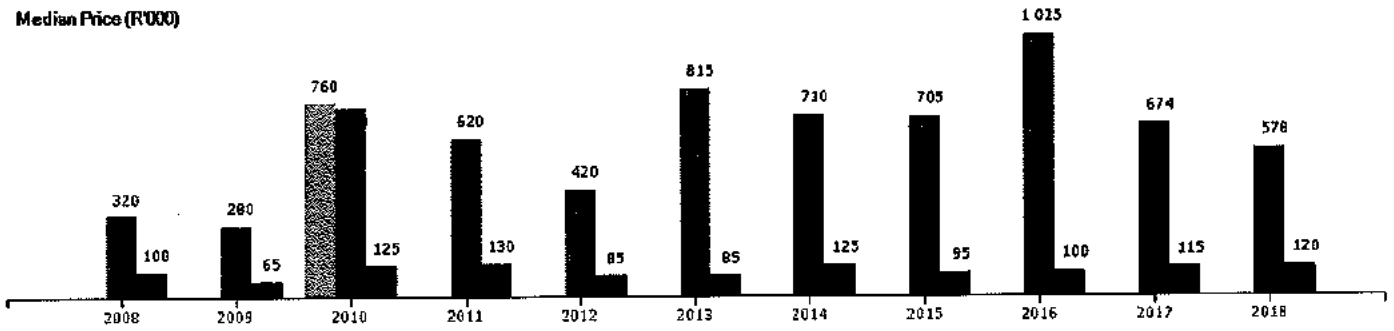
Max Transfer in the Suburb: R 300 000    Min Transfer in Suburb: R 60 000    Total Transfers: 14

### Street Transfer History

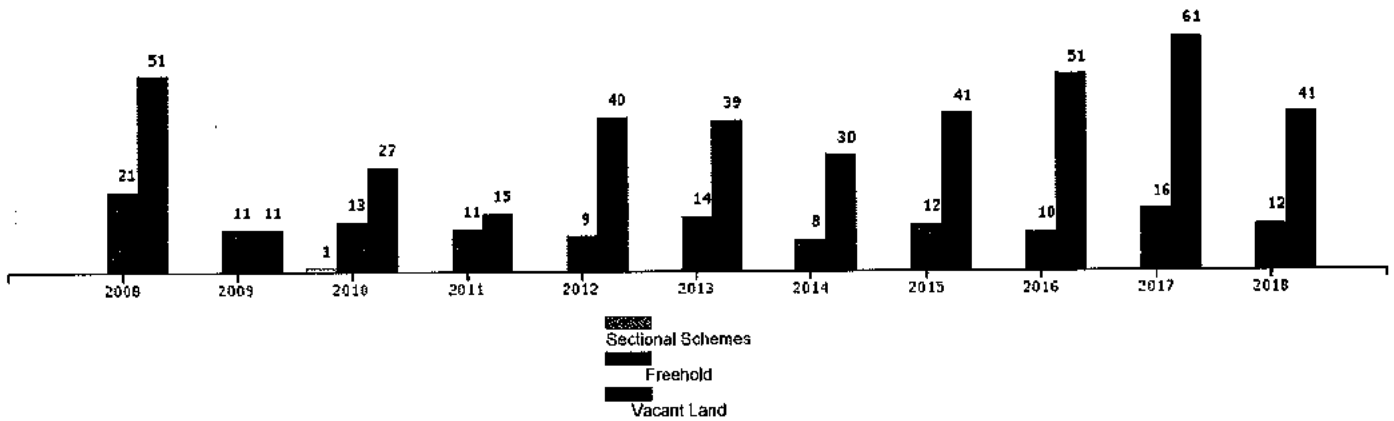
No transfers were returned for the selected property's street, or no street details exist.



Median Price (R'000)



Number of Transfers



Sectional Schemes  
Freehold  
Vacant Land

Amenities



| Amenity                     | Type            | Distance (km) |
|-----------------------------|-----------------|---------------|
| Die Drif Petrol Station     | FillingStation  | 4.00 km       |
| Ramasekula Secondary School | SecondarySchool | 4.50 km       |
| Convenience Centre          | ShoppingCentre  | 3.99 km       |

Disclaimer

Please note that Lightstone obtains data from a broad range of 3rd party sources and – despite the application of proprietary data cleaning processes – cannot guarantee the accuracy of the information provided in this report. It is expressly recorded that information provided in this report is not intended to constitute legal, financial, accounting, tax, investment, consulting or other professional advice. This report does not contain any confidential information relating to the property owner or any owners residing in the suburb. All bond, home loan and property registration information in the reports is from the Deeds Office where information on all property registrations, property transfers as well as all registered bonds / home loans are kept. This is public domain information and accessible by any person.



200 Visarend St, Vaaloewer  
VANDERBIJLPARK  
TEL : 016 987 1275  
FAX : 086 267 8541  
CELL : 083 316 7477  
EMAIL : [liz@lizcharles.co.za](mailto:liz@lizcharles.co.za)

**OFFER TO PURCHASE**

DIRK JACOBUS ALBRECHT ID 530502 5213 08 1

Name and Identity Number

And

ANDREA ALBRECHT ID 500514 0011 18 4

Name and Identity Number

Married in Community of Property

OF: (Postal Address)

25 Joan Road, Glenanda 2091

(hereafter known as the **PURCHASER**)

**AND**

JEAN VALERIE LUDIK ID 630118 0219 087

Name and Identity Number

And

Name and Identity Number

Married in/out Community of Property / Unmarried

OF: (Postal Address)

SUITE 389, PRIVATE BAG X4, ATLASVILLE, 1501

(hereafter known as the **SELLER**)

1. The **SELLER** sells to the **PURCHASER** the following **PROPERTY**:

FULL TITLE

Erf 554 Vaaloewer Vanderbijlpark

Stand. No

554 Suikerbos Street Vaaloewer Vanderbijlpark

Street Address

2. The **PURCHASE PRICE** of the said property is the amount of:

R1200 000 (One Million Two hundred Thousand Rands)

and is payable as follows:

MEMBERS:  
MICHAEL J. VAN RENSBURG & ELIZABETH CHARLES  
CK 2005 / 045685 / 23



R1200 000 (One Million Two hundred Thousand Rands)

Payable on registration of the property in the purchaser's name by way of guarantees to be furnished within see para 16 days.

**3. OCCUPATION & OWNERSHIP**

Occupation of the said property shall be given to the PURCHASER on REGISTRATION

Or any other date mutually agreed in writing by the parties, from which date the PURCHASER shall pay a monthly rental of R -

in advance at the offices of the attorney named in 4 (a), or any other person or institution nominated by the SELLER, from which date the PURCHASER will be responsible for the payment of all water and electricity usage. The SELLER will however be responsible for rates and taxes plus other basic levies determined by the local authority, until the date of Registration of Transfer in the PURCHASER'S name.

Notwithstanding the aforesaid, the ownership of the property shall be vested with the SELLER until Registration of the Property in the name of the PURCHASER.

**4. TRANSFER COSTS**

The PURCHASER shall be liable for the payment of all transfer costs, transfer duty, stamp duty and all other monies required for this purpose on demand by the conveyancers, namely:

Mills and Groenewald Vanderbijlpark

The PURCHASER undertakes to pay the Conveyancers immediately on request, all amounts necessary to affect transfer.

**5. VOETSTOOTS**

The property is sold voetstoots as it stands and in the condition as set out on the attached Immoveable Property Condition Report, as prescribed by the Estate Agency Affairs Board, by the Seller or his representative who declares that the Property is suitable for its intended purpose as a residential dwelling. The declaration provided by the Seller provides a detailed list of any defects in and damage to the Property which declaration is made by the Seller with the bona-fide intention to disclose these defects to the Purchaser. The PURCHASER acknowledges that he has inspected the said property and is fully satisfied with the state and condition thereof. The Purchaser is entitled to receive the Property in the same condition as when the Purchaser inspected the Property. The seller confirms that there are approved plans for the buildings held at the local municipality.

**6. CANCELLATION**

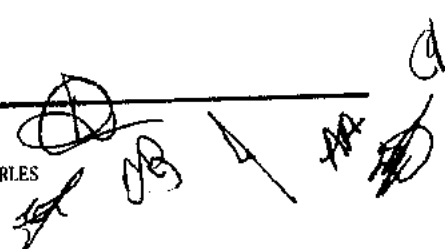
Should the PURCHASER fail to comply with any of his obligations as set out in this agreement, and the SELLER has given the PURCHASER 10 (TEN) days written notice by registered post to meet such commitments and should he still fail do so, the SELLER shall have the right at his sole discretion to:

- 6.1 Cancel this agreement by means of a letter sent by registered post, in which case the PURCHASER shall forfeit all monies paid by him in terms of this agreement in favour of the SELLER without prejudice to any further rights he may have in law, especially his right to claim damages from the PURCHASER;
- 6.2 Demand full payment of the outstanding balance still owing on the said purchase price.

**7. JURISDICTION**

---

MEMBERS:  
MICHAL J. VAN RENSBURG & ELIZABETH CHARLES  
CK 2006 / 045585 / 23



## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, December 13, 2018 9:14 AM  
**To:** 'hugo@independentecon.co.za'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za; gavinaboud@vodamail.co.za  
**Subject:** FW: Economic impacts of mines on property and tourism  
**Attachments:** 135 Vaaloewer Martin advert.png; Erf 135 Our ad on Property24.png; Sale of Erf 135 on 22 november 2018.pdf; Screenshot\_2018-12-12 4 Bedroom House for sale in Vaaloewer T1438025 Private Property.png; Screenshot\_2018-12-12 4 Bedroom House for sale in Vaaloewer T1507203 Private Property.png; Sale of ERf 554 dated 2 September 2018).pdf; 17 Vaaloewer.png; Alfie email.pdf; Lightstone Erf 923 Portion 5.pdf; Erf 17 Purchase agreement.pdf

Dear Hugo,

Please see email below from one of the Interested and Affected Parties.

Regards,

Mmakoena Mmola



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** Wednesday, December 12, 2018 4:59 PM  
**To:** 'Mmakoena'; stefanie@shango.co.za; jochen@shango.co.za; zizo@shango.co.za  
**Cc:** craigrichardson100@gmail.com; thabo.moloi@outa.co.za; kobusvdwalt02@gmail.com; 'Mariette Liefferink'; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Economic impacts of mines on property and tourism

Good Day Shango,

Please see mail below.

Please see attached.

Please send this to your economic consultant who you says property values will increase.

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045

## Mmakoena

---

**From:** Bob Hartsliet <bobh@dullies.com>  
**Sent:** Thursday, December 13, 2018 6:57 AM  
**To:** Renee de Jong Hartsliet; Mmakoena  
**Cc:** Chris Campbell; ddewaal@golder.co.za; Abrie Hanekom Vaaloewer; Diane Stevens; Dina; Gavin Aboud; Louis Kruger; Mariette Liefferink; Mashudu Mulaudzi; Mmakoena; Penny; Sampie van Rooyen; Tertius; craigrichardson100@gmail.com; jochen@shango.co.za; kobusvdwalt02@gmail.com; liz; stefanie@shango.co.za; thabo.moloi@outa.co.za; warrin; zizo@shango.co.za; garyn.rapson@webberwentzel.com  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

Dear Shango

In light of all that has been set out previously and your responses thereto please advise us ALL by close of business today as to what your intentions are with regard to the minutes and also specifically what your timelines are going forward.

From what I have read, you have not responded to the any requests to extend the timelines you have set- neither have you addressed many of the issues raised by IAPS- Renee's message below being a case in point other than to "NOTE" them.

Please note that I have copied Mr. Garyn Rapson Partner of the legal firm Webber Wentzel in on this email.

Reason for copying Mr. Rapson, is that we take these issues extremely seriously, as mining will affect all our lives adversely.

If necessary we may have too seek the URGENT assistance of the Courts with regard to ALL our concerns regarding the manner in which we are being treated by SHANGO and what we see as your "steamroller/bullying" approach towards the legitimate concerns and issues raised by ourselves and seemingly ignored by Shango!

I had hoped to be able to "work with you" in a calm and professional manner with regards to the issues raised by ALL IAPS.

Sincerely  
Bob Hartsliet  
072 632 4147

On 12 Dec 2018, at 8:32 PM, Renee de Jong Hartsliet <renee@bundunet.com> wrote:

Dear all,

When I realised that Shango had no intention of transcribing and/or releasing the minutes of our two public meetings, I contacted Dr David de Waal, their appointed Chair for 10 November. He responded to me today. Unfortunately, he will be on leave until early January.

He confirmed what I have stated: it is unacceptable for Shango to proceed without providing minutes. The public has made submissions (written and oral), which should have been factually ATTTIBUTED and RESPONDED TO by

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, December 13, 2018 12:45 PM  
**To:** 'Bob Hartsliet'; 'Renee de Jong Hartsliet'  
**Cc:** 'Chris Campbell'; 'ddewaal@golder.co.za'; 'Abrie Hanekom Vaalower'; 'Diane Stevens'; 'Dina'; 'Gavin Aboud'; 'Louis Kruger'; 'Mariette Liefferink'; 'Mashudu Mulaudzi'; 'Penny'; 'Sampie van Rooyen'; 'Tertius'; 'craigrichardson100@gmail.com'; 'jochen@shango.co.za'; 'kobusvdwalt02@gmail.com'; 'liz'; 'stefanie@shango.co.za'; 'thabo.moloi@outa.co.za'; 'warrin'; 'zizo@shango.co.za'; 'garyn.rapson@webberwentzel.com'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Bob,

I trust you are well?

Please see our responses in red.

In light of all that has been set out previously and your responses thereto please advise us ALL by close of business today as to what your intentions are with regard to the minutes and also specifically what your timelines are going forward. The Notes for the Record for the additional public consultation were distributed to I&APs, for their perusal and comment, on the 22<sup>nd</sup> of November 2018. Revision 2 of the notes for the record were distributed on the 30<sup>th</sup> November 2018. Comments provided by I&APs during the two review periods have been incorporated in Version 3 Notes of the Record, which will form an appendix to the Final Scoping Report. The Notes for the Record for the Scoping Phase Open Day will be made available to I&APs on the 14<sup>th</sup> December 2018, as part of the Final Scoping Report, for review and comment by I&APs, as well as for consideration by the Department of Mineral Resources, the Competent Authority.

As per notification sent out to I&APs yesterday (12 December 2018), the Final Scoping Report, inclusive of (i) Version 3 of the Notes for the Record of the Additional Public Consultation (which took place on 10<sup>th</sup> November 2018) and (ii) Notes for the Record of the Open Day (which took place on the 24<sup>th</sup> October 2018), will be available for review and comment by I&APs, from the 14<sup>th</sup> December 2018 to the 7<sup>th</sup> February 2019. Furthermore, as indicated in the notification, all comments pertaining to the Final Scoping Report (including appendices) must be sent directly to the DMR and Shango must be copied in all correspondence.

Following submission of the Final Scoping Report to the Competent Authority, the Competent Authority must, within 43 days of receipt of the Scoping Report make a decision regarding the Scoping Report by either (i) accepting the Scoping Report, with or without conditions or (ii) rejecting the Scoping Report. I&APs will be notified of the DMR's decision regarding the Scoping Phase in due course.

From what I have read, you have not responded to the any requests to extend the timelines you have set-  
-neither have you addressed many of the issues raised by IAPS- Renee's message below being a case in point other than to "NOTE" them.

We acknowledge that we do not have all the answers to issues raised by I&APs due to the limited scope of the Scoping Phase (which mainly constitutes desktop studies). We have stated in our responses to I&APs that more detailed responses will be provided during the Environmental Impact Assessment (EIA) Phase of the project, following detailed assessments by the relevant specialists.

Kindly note that timeframes are prescribed in the NEMA Regulations. As per the Regulations (GNR 326, 3(7)), the Applicant requested an extension from the DMR to submit the Final Scoping Report on the 14<sup>th</sup> December 2018.

Please note that I have copied Mr. Garyn Rapson Partner of the legal firm Webber Wentzel in on this email.

Reason for copying Mr. Rapson, is that we take these issues extremely seriously, as mining will affect all our lives adversely.

If necessary we may have to seek the URGENT assistance of the Courts with regard to ALL our concerns regarding the manner

in which we are being treated by SHANGO and what we see as your "steamroller/bullying" approach towards the legitimate concerns

and issues raised by ourselves and seemingly ignored by Shango!

We had hoped to be able to "work with you" in a calm and professional manner with regards to the issues raised by ALL IAPS.

Your comment in this regard is acknowledged.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

[p] PS Co-ordinates: -26.151388 27.962913

**From:** Bob Hartslef [mailto:bobh@dullies.com]

**Sent:** Thursday, December 13, 2018 6:57 AM

**To:** Renee de Jong Hartslef; Mmakoena

**Cc:** Chris Campbell; ddewaal@golder.co.za; Abrie Hanekom Vaalower; Diane Stevens; Dina; Gavin Aboud; Louis Kruger; Mariette Liefferink; Mashudu Mulaudzi; Mmakoena; Penny; Sampie van Rooyen; Tertius; craigrichardson100@gmail.com; jochen@shango.co.za; kobusvdwalt02@gmail.com; liz; stefanie@shango.co.za; thabo.molol@outa.co.za; warrin; zizo@shango.co.za; garyn.rapson@webberwentzel.com

**Subject:** Re: Comments on the Shango meeting 10 November 2018

Dear Shango

In light of all that has been set out previously and your responses thereto please advise us ALL by close of business today

as to what your intentions are with regard to the minutes and also specifically what your timelines are going forward.

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Please note that I have copied Mr. Garyn Rapson Partner of the legal firm Webber Wentzel in on this email.

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If necessary we may have to seek the URGENT assistance of the Courts with regard to ALL our concerns regarding the manner

in which we are being treated by SHANGO and what we see as your "steamroller/bullying" approach towards the legitimate concerns

and issues raised by ourselves and seemingly ignored by Shango!

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Thursday, December 13, 2018 6:56 AM  
**To:** 'Mmakoena'; zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Cc:** Abrie Hanekom Vaaloewer; Bob; Chris; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Call for comments

Good Day,

I believe you sent a mail out yesterday calling for comment.

Please advise why I did not receive it?

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Thursday, December 13, 2018 7:08 AM  
**To:** zizo@shango.co.za; 'Mmakoena'; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** FW: I assume that you are ware of this delivery ... FW: Pure Source Mine - Availability of Final Scoping Report for Comment  
**Attachments:** Pure Source Mine\_FSR\_IAP\_2018-12-12\_All.pdf

Good Day,

Why did I not receive this?

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



**From:** Hanlie Stander [mailto:HanlieS@jse.co.za]  
**Sent:** 13 December 2018 07:02 AM  
**To:** 'Gavin Aboud'  
**Subject:** I assume that you are ware of this delivery ... FW: Pure Source Mine - Availability of Final Scoping Report for Comment

☺

Kind Regards  
Hanlie Stander  
Product Owner – Finance

T +27 11 520 7766  
M +27 82 551 2631  
E [hanlies@JSE.co.za](mailto:hanlies@JSE.co.za)

## Mmakoena

---

**From:** Gavin Aboud <gavinaboud@vodamail.co.za>  
**Sent:** Thursday, December 13, 2018 1:11 PM  
**To:** 'Mmakoena'; zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: \*\*\*SPAM\*\*\* RE: Call for comments

Good Day,

I did not receive it?

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



**From:** Mmakoena [mailto:mmakoena@shango.co.za]  
**Sent:** 13 December 2018 10:02 AM  
**To:** 'Gavin Aboud'; zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Cc:** 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** \*\*\*SPAM\*\*\* RE: Call for comments

Dear Gavin,

I trust this mail finds you well.

Kindly note that the notification was sent to you yesterday. Please see attached proof of mail sent.

May you have a lovely day further.

**Regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)



## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, December 13, 2018 9:47 AM  
**To:** 'Gavin Aboud'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Pure Source Mine - Availability of Final Scoping Report for Comment  
**Attachments:** Pure Source Mine\_FSR\_IAP\_2018-12-12\_All.pdf

Dear Gavin,

I trust this mail finds you well.

Kindly note that the notification was sent to you yesterday. Please see attached proof of mail sent.

May you have a lovely day further.

Regards,

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
[f] +27 11 678 9731 [c] +27 76 714 7937  
GPS Co-ordinates: -26.151388 27.962913

**From:** Gavin Aboud [mailto:gavinaboud@vodamail.co.za]  
**Sent:** Thursday, December 13, 2018 7:08 AM  
**To:** zizo@shango.co.za; 'Mmakoena'; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** FW: I assume that you are ware of this delivery ... FW: Pure Source Mine - Availability of Final Scoping Report for Comment

Good Day,

Why did I not receive this?

Gavin Aboud  
Chairman  
Protect Vaal Eden Committee  
083 281 5045



## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Wednesday, December 12, 2018 5:15 PM  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** Pure Source Mine\_FSR\_IAP\_2018-12-12\_All.pdf  
**Attachments:** Pure Source Mine\_FSR\_IAP\_2018-12-12\_All.pdf

### Tracking:

| Recipient                          | Read                     |
|------------------------------------|--------------------------|
| zizo@shango.co.za                  | Read: 12/12/2018 8:44 PM |
| stefanie@shango.co.za              |                          |
| jochen@shango.co.za                |                          |
| 'eddie.seaton@transnet.net'        |                          |
| 'Zanoxolo.Pama@Transnet.net'       |                          |
| 'makoam@nra.co.za'                 |                          |
| 'daniel.marnewick@birdlife.org.za' |                          |
| 'conservation@birdlife.org.za'     |                          |
| 'candice.stevens@birdlife.org.za'  |                          |
| 'ceo@birdlife.org.za'              |                          |
| 'mariette@pea.org.za'              |                          |
| 'd.zoekop@lando.co.za'             |                          |
| 'jibam@ewt.org.za'                 |                          |
| 'bradleyg@ewt.org.za'              |                          |
| 'jwesson@wessanorth.co.za'         |                          |
| 'gavinaboud@vodamail.co.za'        |                          |
| 'craigrichardson100@gmail.com'     |                          |
| 'bobh@dullies.com'                 |                          |
| 'chrisc@cesa.co.za'                | Read: 12/12/2018 6:28 PM |
| 'dna.henstock@gmail.com'           |                          |
| 'liz.tuxx@gmail.com'               |                          |
| 'krugerskroon@gmail.com'           |                          |
| 'renee@bundunet.com'               |                          |
| 'tertiusw@gmail.com'               |                          |
| 'warrinf@gmail.com'                |                          |
| 'abri@vaaloewer.co.za'             |                          |
| 'm.stewart@vodamail.co.za'         |                          |
| 'mjgaade@gmail.com'                |                          |
| 'sales@mandn.co.za'                |                          |
| 'save@save.org.za'                 |                          |

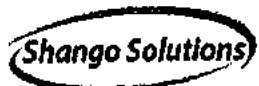
Dear Interested and Affected Party/Landowner/Adjacent Landowner/Legal Occupier;

Please receive herewith attached notification (provided in English, Afrikaans and Sesotho) regarding the availability of the Final Scoping Report for the Pure Source Mine project.

Should you have any issues and/or concerns in this regard, please do not hesitate to contact the undersigned.

**Best Regards,**

**Mmakoena Mmoia**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)

[f] +27 11 678 9731 [c] +27 76 714 7937

GPS Co-ordinates: -26.151388 27.962919

## Mmakoena

---

**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Wednesday, December 12, 2018 5:46 PM  
**To:** 'Mmakoena'; 'Gavin Aboud'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mmakoena

I thank you for your responses which the FSE will peruse.

At a glance, however, I noted that some of the FSE's comments received a response of "noted." The FSE took great care, which incurred inconvenience and opportunity costs, to read the voluminous documentation pertaining to the Application to endeavour to comment meaningfully and intelligently. We kindly request that you respond to the FSE's comments in a reciprocal manner, namely meaningfully and intelligently, and not merely noting our comments.

We respectfully reserve our rights to reply more fully on your responses.

In conclusion, may I kindly remind you of your "independent" position as the EAP, that is, not to promote the interests of the Applicant but to honesty, independently and fairly respond to the comments by IAPs?

Best Regards

Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT  
TEL. (+27) 11 465 6910  
(+27) 73 231 4893  
Postnet Suite #113, Private Bag X153, Bryanston, 2021  
E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)  
Fax2Email: 0864861363

**From:** Mmakoena [mailto:[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)]  
**Sent:** 12 December 2018 09:54 AM  
**To:** 'Mariette Liefferink' <mariette@pea.org.za>; 'Gavin Aboud' <gavinaboud@vodamail.co.za>; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za  
**Cc:** 'Penny' <penny@web.co.za>; 'Sampie van Rooyen' <svr@envmgrp.com>; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi' <Mashudu.Mulaudzi@dmr.gov.za>; 'Diane Stevens' <edstevens@telkomsa.net>; 'Abrie Hanekom Vaaloewer' <marlene@kruppeng.co.za>; 'Bob' <bobh@dullies.com>; 'Chris' <chrisc@cesa.co.za>; 'Dina' <dina.henstock@gmail.com>; 'liz' <liz.tuux@gmail.com>; 'Louis Kruger' <krugerskroon@gmail.com>; 'Renee' <renee@bundunet.com>; 'Tertius' <tertiusw@gmail.com>; 'warrin' <warrinf@gmail.com>  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mariette,

Thank you very much for your comments.

## Mmakoena

---

**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, December 13, 2018 3:09 PM  
**To:** 'Mariette Liefferink'; 'Gavin Aboud'; 'zizo@shango.co.za'; 'jochen@shango.co.za'; 'stefanie@shango.co.za'  
**Cc:** 'Penny'; 'Sample van Rooyen'; 'kobusvdwalt02@gmail.com'; 'thabo.moloi@outa.co.za'; 'craigrichardson100@gmail.com'; 'azwihangwisi.mulaudzi@dmr.gov.za'; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mariette,

Please see our revised response below.

### **PREFATORY**

We note the findings of the South African Human Rights Commission, which in this case are directed to the DMR, including point 4, which states that *"The DMR is not the appropriate authority for granting and enforcing environmental authorisations with respect to mining"*.

### **APPLICANT IN NON-COMPLIANCE WITH S 43(4) OF MPRDA**

Monte Cristo Commercial Park (Pty) Ltd ("MCCP"), has applied to the DMR, for a Mining Right in respect of three farm portions (Remaining Extent, Remaining Extent of Portion 1 and Portion 3 of the farm Woodlands 407), which are collectively known as Goosebay Farm. The mine, which it is hoped will be established at Goosebay Farm, will be known as Pure Source Mine. Shango Solutions have been appointed by Monte Cristo Commercial Park (Pty) Ltd to undertake the environmental process in order to obtain a Mining Right for Pure Source Mine.

Your request relating to the closure application for previous mining operations conducted by Goosebay Farm (Pty) Ltd has been forwarded to the Applicant. The Applicant's response is provided below. Your request and the Applicant's response will be captured into the Issues and Responses Report (an appendix to the Final Scoping Report), for consideration by the DMR.

- Monte Cristo Commercial Park (Pty) Ltd ("MCCP") is the Legal Persona who has applied for the Mining Right;
- Shango Solutions has been mandated to deal with the above Application on behalf of MCCP;
- MCCP has to date conducted no Mining Operations, and is not at this time responsible for any rehabilitation as a result of past Mining Operations;
- Goosebay Farm (Pty) Ltd confirms that Rehabilitation of the relevant previously mined areas, has:
  - ↓ Achieved an advanced stage, in that:
    - Bulk Earthworks and Fine Grading are virtually complete;
    - Planting and re-seeding of affected areas is underway;
    - The entire process is being monitored by an independent consultant, and conducted in accordance with his advice;

✚ Been conducted in strict accordance with the directions of the DMR, in record time, pursuant to a visit to the Mine by DMR Officials (including the Regional Manager DMR Welkom - The Esteemed Mr A Mulaudzi), on the 12th of August 2018.

- Should you require any further guidance with regards to this issue, please contact the DMR.

### **ENVIRONMENTAL IMPACT ASSESSMENT PROCESS**

We acknowledge and note the comments you provided under the EIA Process section of your correspondence. Could you kindly elaborate on the statement “the decision maker receives one informed side of the argument and one uninformed side of the opinion” as issues raised by I&APs have been recorded in the Issues and Responses Report to be submitted as an appendix to the Final Scoping Report, for consideration by the DMR?

### **SENSE OF PLACE**

The economic report (Scoping Phase) has considered sense of place to the extent that it is relevant in assessing potential impacts on property values and tourism. There is no impact category called “economic value of the loss of sense of place” or something similar. The assessment of impacts on property values and tourism is highly reliant on the outputs of the other specialist studies (visual, social, air quality, noise, biodiversity, wetland and hydrology) in terms of content and level of detail. The economic report utilised these studies to determine the impacts on property values and tourism.

### **LAND AND DESIRABILITY**

Regulation 50 (d) of the Mineral and Petroleum Resources Development Regulations states that a sustainable development cost-benefit analysis be conducted to determine the best use of alternative land options. To this end, all the sustainable development impacts (social, economic and environmental) need to be listed and equitably weighed up against one another to determine the best land-use for this and the next generation.

As such, a sustainable development cost-benefit analysis will be conducted during the Environment Impact Assessment (EIA) phase of the project. Land uses that will be considered in the assessment include mining, agriculture and eco-tourism/tourism.

### **CONSIDERATION OF ALTERNATIVES**

For any alternative to be considered feasible, such an alternative must meet the need and purpose of the proposed activity without presenting significantly high associated impacts. The proposed activity is mining.

#### **Activity Alternative**

The geology is the primary driver in determining the location for mining. The application area has been selected based on historical and active mining operations in the immediate surroundings of the application area along with historical and current data that indicate the economic viability of the sand, aggregate/gravel and alluvial diamond minerals to occur. As such, no activity alternatives were considered.

#### **No-Go Alternative**

The “No Go” or “No Action” alternative refers to the alternative of not embarking on the proposed project at all. This alternative would denote the current status quo without the proposed project. The No Go alternative as a specific alternative is not considered feasible for the following reasons:

- The Applicant holds an Environmental Authorisation for the establishment of an Eco-Estate with residential, resort and conservation land uses. Certain areas of the application area are currently utilised for agricultural purposes in the form of game farming and maize crop production and eco-tourism. These two functions will continue to remain the primary land uses during the mining activities. If the project is rejected, the Applicant will progress with the establishment of the Eco-Estate (with some agriculture). As such, the status quo of the properties under application will ultimately change, irrespective of the mining activities.
- Mining is important for economic development, to construct durable, modern structures, employment creation and revenue collection.

- Extensive investigations have revealed that there is a shortage of alluvial silica sand in the Pretoria Witwatersrand-Vaal industrial complex. Alluvial silica sand has a greater utility than silica sand that is created by means of crushing processes. Furthermore, many of the previously existing abundant alluvial silica sand deposits located in the Vaal Triangle are on the verge of being exhausted, thus making the mining of the existing resource at the Pure Source Mine both necessary and desirable, with regards to economic considerations
- Furthermore, if this project is approved, it will ensure that no economically viable mineral resources will be sterilised and that the benefits of the resources available in the area will be maximised.

For the purpose of this project, the need and justification for alternatives was specifically guided by the relatively low sensitivity of the receiving socio-economic and biophysical environment as well as the geology. Three alternative sites are considered for the location of the supporting mining infrastructure within the application area.

### **CUMULATIVE IMPACTS OF THE PROJECT ON WATER QUALITY AND QUANTITY OF THE INTEGRATED VAAL RIVER SYSTEM**

We acknowledged and note the comments you provided on the Riverine Ecology Scoping Assessment and the Wetland Assessment. According to the Scoping Report, the total quantity of water that will be required for the mining operations is as follows:

- 500 000 m3 for sand mining.
- 300 000 m3 for aggregate and diamond mining.
- 10 000 m3 for dust suppression.

Water will be sourced from underground or extracted from the Vaal River or a combination of both. Water supply studies to determine the level of extraction from the Vaal River and underground will be determined during the EIA Phase. The results of the water supply studies will also inform the Water Use License Application. The Applicant has a legal responsibility to comply with the conditions of the EMPR. Enforcement of compliance is the responsibility of the DMR.

**Best regards,**

**Mmakoena Mmola**



[t] +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
 [f] +27 11 678 9731 [c] +27 76 714 7937  
 GPS Co-ordinates: -26.151388 27.962913

**m:** Mariette Liefferink [mailto:mariette@pea.org.za]

**Sent:** Wednesday, December 12, 2018 5:46 PM

**To:** 'Mmakoena'; 'Gavin Aboud'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za

**Cc:** 'Penny'; 'Sample van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Chris'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'

**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Mmakoena

I thank you for your responses which the FSE will peruse.

At a glance, however, I noted that some of the FSE's comments received a response of "noted." The FSE took great care, which incurred inconvenience and opportunity costs, to read the voluminous documentation pertaining to the Application and to endeavour to comment meaningfully and intelligently. We kindly request that you respond to the FSE's comments in a reciprocal manner, namely meaningfully and intelligently, and not merely noting our comments.

## Mmakoena

---

**From:** Chris Campbell <chrisc@cesa.co.za>  
**Sent:** Wednesday, December 12, 2018 6:44 PM  
**To:** Mariette Liefferink  
**Cc:** Mmakoena; Gavin Aboud; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; Penny; Sampie van Rooyen; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; Mashudu Mulaudzi; Diane Stevens; Abrie Hanekom Vaaloewer; Bob; Dina; liz; Louis Kruger; Renee; Tertius; warrin  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

Hi Mariette

The EIA process is unfortunately inherently flawed as NEMA simply calls for a competent person to be responsible for running this process and not that such a person be registered with a professional council to whom one can report any unprofessional behavior. The notion of that person being independent is not possible as they are paid by the applicant so dare not come across as though there is any thoughts expended on the IAP's. The previous Service Provider had the same attitude until they did not get paid by their Client.

I think that a separate lobby needs to be started with the Dept of Environment to increase the level of accountability that needs to be placed on EIA Service Providers as it is impossible to be impartial and independent ( by the way this just means that the applicant cannot do this themselves), when that party you are supposed to be independent from has to pay your salary.

Kind Regards

Christopher (Chris) Campbell Pr. Eng  
sent from my iPad

On 12 Dec 2018, at 17:47, Mariette Liefferink <[mariette@pea.org.za](mailto:mariette@pea.org.za)> wrote:

Dear Mmakoena

I thank you for your responses which the FSE will peruse.

At a glance, however, I noted that some of the FSE's comments received a response of "noted." The FSE took great care, which incurred inconvenience and opportunity costs, to read the voluminous documentation pertaining to the Application and to endeavour to comment meaningfully and intelligently. We kindly request that you respond to the FSE's comments in a reciprocal manner, namely meaningfully and intelligently, and not merely noting our comments.

We respectfully reserve our rights to reply more fully on your responses.

In conclusion, may I kindly remind you of your "independent" position as the EAP, that is, not to promote the interests of the Applicant but to honestly, independently and fairly respond to the comments by IAPs?

Best Regards  
Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT



## Mmakoena

---

**From:** Renee de Jong Hartsliel <renee@bundunet.com>  
**Sent:** Wednesday, December 12, 2018 8:32 PM  
**To:** Chris Campbell; ddewaal@golder.co.za  
**Cc:** Abrie Hanekom Vaaloewer; Bob; Diane Stevens; Dina; Gavin Aboud; Louis Kruger; Mariette Liefferink; Mashudu Mulaudzi; Mmakoena; Penny; Sampie van Rooyen; Tertius; craigrichardson100@gmail.com; jochen@shango.co.za; kobusvdwalt02@gmail.com; liz; stefanie@shango.co.za; thabo.moloi@outa.co.za; warrin; zizo@shango.co.za  
**Subject:** Re: Comments on the Shango meeting 10 November 2018  
**Attachments:** P1 Renee Mining Charter.mp4

Dear all,

When I realised that Shango had no intention of transcribing and/or releasing the minutes of our two public meetings, I contacted Dr David de Waal, their appointed Chair for 10 November. He responded to me today. Unfortunately, he will be on leave until early January.

He confirmed what I have stated: it is unacceptable for Shango to proceed without providing minutes. The public has made submissions (written and oral), which should have been factually ATTRIBUTED and RESPONDED TO by Shango - that hasn't happened. According to him, it is not reasonable for the public to listen to (at least) four hours' of video tape before they can comment on the "minutes" or their submissions in the "report".

Furthermore, it is my contention that the video recording of the 10 November meeting has been edited. See attached, as one example...

I cannot comment on anyone else's experience: only my own. To anyone reading the 'report', it will appear as if I did not attend the meeting. Nor was there a recorded meeting at Vintage Yard.

I / we continue to be hounded by consultants doing desktop surveys from their Cape Town offices. I, for one, am fatigued by these seemingly endless and futile endeavours. Perhaps that is the purpose...

Shango, please apply for the relevant extensions to your application - you have not met the basic requirements in the Public Participation phase. Minutes first please...

Regards,  
Renee

Wed, 12 Dec 2018 at 18:44, Chris Campbell <[chrisc@cesa.co.za](mailto:chrisc@cesa.co.za)> wrote:  
Hi Mariette

The EIA process is unfortunately inherently flawed as NEMA simply calls for a competent person to be responsible for running this process and not that such a person be registered with a professional council to whom one can report any unprofessional behavior. The notion of that person being independent is not possible as they are paid by the applicant so dare not come across as though there is any thoughts expended on the IAP's. The previous Service Provider had the same attitude until they did not get paid by their Client.

I think that a separate lobby needs to be started with the Dept of Environment to increase the level of accountability that needs to be placed on EIA Service Providers as it is impossible to be impartial and independent ( by the way this just means that the applicant cannot do this themselves), when that party you are supposed to be independent from has to pay your salary.

Kind Regards

## Mmakoena

---

**From:** Bob Hartsliet <bobh@dullies.com>  
**Sent:** Thursday, December 13, 2018 1:41 PM  
**To:** Mmakoena  
**Cc:** Renee de Jong Hartsliet; Chris Campbell; ddewaal@golder.co.za; Abrie Hanekom Vaaloewer; Diane Stevens; Dina; Gavin Aboud; Louis Kruger; Mariette Liefferink; Mashudu Mulaudzi; Penny; Sampie van Rooyen; Tertius; Craig Richardson; jochen@shango.co.za; kobusvdwalt02@gmail.com; liz; stefanie@shango.co.za; thabo.moloi@outa.co.za; warrin; Zizo Siwendu; garyn.rapson@webberwentzel.com  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

Thank you for your prompt response Mmakoena.

In essence--what you are saying--- is that SHANGO have NO INTEREST in addressing our concerns and/or requests and are proceeding regardlessly?

Am i correct in that assessment of your response?

Thanks  
BobH

On 13 Dec 2018, at 12:44 PM, Mmakoena <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

Dear Bob,

I trust you are well?

Please see our responses in red.

In light of all that has been set out previously and your responses thereto please advise us ALL by close of business today as to what your intentions are with regard to the minutes and also specifically what your timelines are going forward.

The Notes for the Record for the additional public consultation were distributed to I&APs, for their perusal and comment, on the 22<sup>nd</sup> of November 2018. Revision 2 of the notes for the record were distributed on the 30<sup>th</sup> November 2018. Comments provided by I&APs during the two review periods have been incorporated in Version 3 Notes of the Record, which will form an appendix to the Final Scoping Report. The Notes for the Record for the Scoping Phase Open Day will be made available to I&APs on the 14<sup>th</sup> December 2018, as part of the Final Scoping Report, for review and comment by I&APs, as well as for consideration by the Department of Mineral Resources, the Competent Authority.

As per notification sent out to I&APs yesterday (12 December 2018), the Final Scoping Report, inclusive of (i) Version 3 of the Notes for the Record of the Additional Public Consultation (which took place on 10<sup>th</sup> November 2018) and (ii) Notes for the Record of the Open Day (which took place on the 24<sup>th</sup> October 2018), will be available for review and comment by I&APs, from the 14<sup>th</sup> December 2018 to the 7<sup>th</sup> February 2019. Furthermore, as indicated in the notification, all comments pertaining to the Final

## Mmakoena

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**From:** Mmakoena <mmakoena@shango.co.za>  
**Sent:** Thursday, December 13, 2018 3:06 PM  
**To:** 'Bob Hartsliel'  
**Cc:** zizo@shango.co.za; stefanie@shango.co.za; jochen@shango.co.za  
**Subject:** RE: Comments on the Shango meeting 10 November 2018

Dear Bob,

Please refer to our responses below.

**Regards,**

**Mmakoena Mmola**



**Tel:** +27 11 678 6504 [w] [www.shango.co.za](http://www.shango.co.za)  
**[f]** +27 11 678 9731 [c] +27 76 714 7937  
**GPS Co-ordinates:** -26.151388 27.962913

**From:** Bob Hartsliel [mailto:bobh@dullies.com]  
**Sent:** Thursday, December 13, 2018 1:41 PM  
**To:** Mmakoena  
**Cc:** Renee de Jong Hartsliel; Chris Campbell; ddewaal@golder.co.za; Abrie Hanekom Vaaloewer; Diane Stevens; Dina; Gavin Aboud; Louis Kruger; Mariette Liefferink; Mashudu Mulaudzi; Penny; Sampie van Rooyen; Tertius; Craig Richardson; jochen@shango.co.za; kobusvdwalt02@gmail.com; liz; stefanie@shango.co.za; thabo.moloi@outa.co.za; warrin; Zizo Siwendu; garyn.rapson@webberwentzel.com  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

Thank you for your prompt response Mmakoena.

In essence--what you are saying--- is that SHANGO have NO INTEREST in addressing our concerns and/or requests and are proceeding regardlessly?

Am i correct in that assessment of your response?

Thanks  
BobH

On 13 Dec 2018, at 12:44 PM, Mmakoena <[mmakoena@shango.co.za](mailto:mmakoena@shango.co.za)> wrote:

Dear Bob,

I trust you are well?

## Mmakoena

---

**From:** Renee de Jong Hartsliet <renee@bundunet.com>  
**Sent:** Thursday, December 13, 2018 2:59 PM  
**To:** Mariette Liefferink  
**Cc:** Abrie Hanekom Myn; Azwihangwisi Mulaudzi; Bob Hartsliet; Brendan Stefanie; Chris Campbell; Craig Richardson; Diane Stevens; Dina Henstock; Gavin Aboud; Liz Charles; Louis Kruger Lindeq; Mashudu Mulaudzi; Mmakoena; Penny; Sampie van Rooyen; Tertius Wehmeyer; Zizo Siwendu; jochen@shango.co.za; kobus van der walt; thabo.moloi@outa.co.za; warrinf@gmail.com  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

Dear Mmakoena,  
Once again, I have been ignored by Shango. Please will you respond with the same urgency you have afforded others to my questions from 3 December?

Kind regards,  
Renee

On Mon, 03 Dec 2018 at 20:37, Renee de Jong Hartsliet <renee@bundunet.com> wrote:

Thank you very much Mariette - I fully endorse your comments and requests!

Dear Mmakoena,

Shango continues to ignore my submissions and questions, both oral and written:

1a) "It is understood that we have captured your comments. However, if we have missed some of your comments, kindly advise so that they can be incorporated into the notes for the record". No, this is completely incorrect - not only have you "missed some comments", you have excluded them all entirely. In the attached extract from your recording of the last meeting, Gavin's introduction of me was lost altogether, as was everything else I said...

1b) ...including my explanation of your "strategy" behind rushed time frames and schedules, which Gavin questioned you about during the meeting

1c) You will notice that, when the meeting Chair Dr David de Waal calls upon me to introduce myself for the record (which I did), there is a break in the video recording, which I construe as extremely sinister. And my comment about avoiding compliance with the Mining Charter has never been placed "on the record"

To rule out the possibility of foul play, I therefore support Mariette and call for you to stop bulldozing your way through the public participation process without providing:

The FSE requests that its oral comments during the Public Participation Meeting be recorded verbatim, that is, not as a transcript of the FSE's comments, but the audio visual recording of the FSE's comments, in the Comments and Response Report.

We furthermore request that the subjoined written comments be included *in toto* and in context, and not abridged in the Comments and Response Report."

2. Your function is to provide complete and accurate minutes, not only of the Public Participation meeting, but also of the Open Day, which you have audio recordings of. For the record, here, once again are my notes from the Open Day and here are the links

<https://drive.google.com/file/d/1-d1AR2JJUsDm8ULTsMPiYtCQ2okgzPEe/view?usp=sharing>

<https://drive.google.com/file/d/1EAQyhdAxGG89KuT8wO1q11m9-oCMSbI4/view?usp=sharing>

Here are bullet points of my report to Gavin:

"Things I found interesting:

## Mmakoena

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**From:** Renee de Jong Hartsliet <renee@bundunet.com>  
**Sent:** Thursday, December 13, 2018 3:06 PM  
**To:** Chris Campbell; ddewaal@golder.co.za  
**Cc:** Abrie Hanekom Vaaloewer; Bob; Diane Stevens; Dina; Gavin Aboud; Louis Kruger; Mariette Liefferink; Mashudu Mulaudzi; Mmakoena; Penny; Sampie van Rooyen; Tertius; craigrichardson100@gmail.com; jochen@shango.co.za; kobusvdwalt02@gmail.com; liz; stefanie@shango.co.za; thabo.moloi@outa.co.za; warrin; zizo@shango.co.za  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

Dear Mmakoena,

Please do me the courtesy of responding to my email below.

1. Please send a transcript of the minutes from your open day - you have your recordings and I have supplied you with mine
2. Please put unedited and unabridged video recordings of the 10 November meeting on your website or provide a link
3. PLEASE SUPPLY MINUTES, not reports, of the Public Participation meetings

Kind regards,

Renee

On Wed, 12 Dec 2018 at 20:32, Renee de Jong Hartsliet <renee@bundunet.com> wrote:

Dear all,

When I realised that Shango had no intention of transcribing and/or releasing the minutes of our two public meetings, I contacted Dr David de Waal, their appointed Chair for 10 November. He responded to me today. Unfortunately, he will be on leave until early January.

He confirmed what I have stated: it is unacceptable for Shango to proceed without providing minutes. The public has made submissions (written and oral), which should have been factually ATTRIBUTED and RESPONDED TO by Shango - that hasn't happened. According to him, it is not reasonable for the public to listen to (at least) four hours' of video tape before they can comment on the "minutes" or their submissions in the "report".

Furthermore, it is my contention that the video recording of the 10 November meeting has been edited. See attached, as one example...

I cannot comment on anyone else's experience: only my own. To anyone reading the 'report', it will appear as if I did not attend the meeting. Nor was there a recorded meeting at Vintage Yard.

I / we continue to be hounded by consultants doing desktop surveys from their Cape Town offices. I, for one, am fatigued by these seemingly endless and futile endeavours. Perhaps that is the purpose...

Shango, please apply for the relevant extensions to your application - you have not met the basic requirements in the Public Participation phase. Minutes first please...

Regards,

Renee

On Wed, 12 Dec 2018 at 18:44, Chris Campbell <chrisc@cesa.co.za> wrote:

Hi Mariette

The EIA process is unfortunately inherently flawed as NEMA simply calls for a competent person to be responsible for running this process and not that such a person be registered with a professional council to

## Mmakoena

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**From:** Mariette Liefferink <mariette@pea.org.za>  
**Sent:** Thursday, December 13, 2018 3:03 PM  
**To:** 'Chris Campbell'  
**Cc:** 'Mmakoena'; 'Gavin Aboud'; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; 'Penny'; 'Sampie van Rooyen'; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; 'Mashudu Mulaudzi'; 'Diane Stevens'; 'Abrie Hanekom Vaaloewer'; 'Bob'; 'Dina'; 'liz'; 'Louis Kruger'; 'Renee'; 'Tertius'; 'warrin'  
**Subject:** RE: Comments on the Shango meeting 10 November 2018  
**Attachments:** 20130412 Leveling of playing field.docx; SAHRC Mining communities report FINAL.pdf

Dear Chris

I thank you for your correspondence.

Allow me to respond as follows:

The FSE was part of the Department of Environmental Affairs' task team tasked to advice on the amendments of the 2014 Regulations. Notwithstanding our endeavours and labour, our recommendations, which were analogous to your sentiments, were not incorporated in the revised EIA Regulations. I attach hereto the FSE's comments at the time.

The FSE will continue to lobby for the recommendations in the attached document.

I, on behalf of the FSE, am a member of the Section 11 Advisory Committee of the South African Human Rights Commission on the Socio-Economic Impacts of Mining on the Mining Affected Communities. I attach the Report hereto. This Committee may be the relevant platform to raise these issues of concern.

Best Regards

Mariette Liefferink  
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT  
TEL. (+27) 11 465 6910  
(+27) 73 231 4893  
Postnet Suite #113, Private Bag X153, Bryanston, 2021  
E-MAIL: [mariette@pea.org.za](mailto:mariette@pea.org.za)  
Fax2Email: 0864861363

**From:** Chris Campbell [mailto:chrisc@cesa.co.za]  
**Sent:** 12 December 2018 06:44 PM  
**To:** Mariette Liefferink <mariette@pea.org.za>  
**Cc:** Mmakoena <mmakoena@shango.co.za>; Gavin Aboud <gavinaboud@vodamail.co.za>; zizo@shango.co.za; jochen@shango.co.za; stefanie@shango.co.za; Penny <penny@web.co.za>; Sampie van Rooyen <svr@envmgrp.com>; kobusvdwalt02@gmail.com; thabo.moloi@outa.co.za; craigrichardson100@gmail.com; azwihangwisi.mulaudzi@dmr.gov.za; Mashudu Mulaudzi <Mashudu.Mulaudzi@dmr.gov.za>; Diane Stevens <edstevens@telkomsa.net>; Abrie Hanekom Vaaloewer <marlene@kruppeng.co.za>; Bob <bobh@dullies.com>; Dina <dina.henstock@gmail.com>; liz <liz.tuxx@gmail.com>; Louis Kruger <krugerskroon@gmail.com>; Renee <renee@bundunet.com>; Tertius <tertiusw@gmail.com>; warrin <warrinf@gmail.com>  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

## Mmakoena

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**From:** Bob Hartsliet <bobh@dullies.com>  
**Sent:** Thursday, December 13, 2018 3:15 PM  
**To:** Mmakoena  
**Cc:** Renee de Jong Hartsliet; Chris Campbell; ddewaal@golder.co.za; Abrie Hanekom Vaaloewer; Diane Stevens; Dina; Gavin Aboud; Louis Kruger; Mariette Liefferink; Mashudu Mulaudzi; Penny; Sampie van Rooyen; Tertius; Craig Richardson; jochen@shango.co.za; kobusvdwalt02@gmail.com; liz; stefanie@shango.co.za; thabo.moloi@outa.co.za; warrin; Zizo Siwendu; garyn.rapson@webberwentzel.com  
**Subject:** Re: Comments on the Shango meeting 10 November 2018

What are you saying Mmakoena?

we asked SHANGO a simple unambiguous question :

SHANGO have NO INTEREST in addressing our concerns and/or requests and are proceeding regardlessly?

**IS THIS CORRECT?**

This a simple YES or NO answer with significant implications either way.

what you have set out below is as confusing as it is meaningless given our responses.

Our only interest HERE is SHANGOS position towards US —not the APPLICANT or the DMR.

Thanks  
BobH

Dear Bob,

Please refer to our responses below.

On 13 Dec 2018, at 1:40 PM, Bob Hartsliet <[bobh@dullies.com](mailto:bobh@dullies.com)> wrote:

Thank you for your prompt response Mmakoena.

In essence--what you are saying--- is that SHANGO have NO INTEREST in addressing our concerns and/or requests and are proceeding regardlessly?

Am i correct in that assessment of your response?

Thanks