

## Masango, Vusi

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**From:** Hinsch, Manda  
**Sent:** 01 August 2014 11:09 AM  
**To:** du Toit, Donne  
**Cc:** Poll-Jonker, Linda; Evans, Fiona  
**Subject:** FW: power line your ref 465044

**Importance:** High

Please add to database comments? We have previously if I remember correctly sent them the details.

**Manda Hinsch** BSc. Hons, Pr. Sci Nat, FWISA

Associate Partner/Principal Scientist



SRK Consulting (South Africa) (Pty) Ltd.

Menlyn Woods Office Park , Block A , 291 Sprite Ave , Faerie Glen

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**Email:** [hinm@srk.co.za](mailto:hinm@srk.co.za)

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**From:** Systek - Madeleine [<mailto:madeleine@wirelessza.co.za>]

**Sent:** 26 June 2014 12:22 PM

**To:** Hinsch, Manda

**Cc:** Hinsch, Manda

**Subject:** FW: power line your ref 465044

**Importance:** High

---

**From:** Jan Kleynhans [<mailto:systeq@mweb.co.za>]

**Sent:** 26 June 2014 11:27 AM

**To:** [HINM@SRK.CO.ZA](mailto:HINM@SRK.CO.ZA); Madeleine Kleynhans

**Subject:** Fw: power line your ref 465044

**Importance:** High

Good Day,

Further to our telephone conversation of today.

Re: Hartebeesfontein 472 portion 230

I would like to add to me previous objections to this new power line on my property the following:

- a. This area is already a Nature Conservancy.
- b. This new power line will greatly reduce the value or reselling value of our property.

c. The new proposed power line and larger pylons will also impact on our view of the Magalies Mountains, one of the reasons we bought this property was for this beautiful view from our home and property  
d. Our dwelling is a double storey house with a Thatch Roof and because of the risk of fire we have to upkeep the area around our home to ensure and reduce our risk of fire. On previous occasions, breakages in the existing power line caused fires further down our land. If we allow a new power line which is closer to our dwelling we open ourselves to a greater risk and therefore an huge additional cost to us would have to be incurred on-going year after year.

We await your response herein.

Jan Kleynhans  
Member  
Belloord 21CC  
011-782-6973

**From:** [Jan Kleynhans](#)  
**Sent:** Thursday, April 24, 2014 10:59 AM  
**To:** [mhinsch@srk.co.za](mailto:mhinsch@srk.co.za) ; [Madeleine Kleynhans](#)  
**Subject:** power line your ref 465044

Good day,

I refer to your letter dated simply March 2014 without specific date.

Take note that there is now detail attached which would indicate where this new servitude is planned for.

Please be advised that we would like to place on record that we would oppose any new servitude for Eskom based on the following.

1. There is an already existing servitude on our property 472 JQ Portion 230 and there is no reason why an additional or new servitude should be implemented.
2. The existing servitude can be used and upgraded with the necessary power lines to achieve the same result.
3. A new servitude in a different location than what already is in place will infringe greatly on our privacy and rights to our land
4. A new servitude will in addition infringe and take up a large portion of our land for which we have planned for new buildings and development use in future.
5. A new servitude in a different location closer to our dwelling than what is already in use could have future health implications to our family as a whole.

We await any further information from you in this regard.

Best Regards

Jan Kleynhans  
Member  
Belloord 21CC  
011-782-6973



This email is free from viruses and malware because [avast! Antivirus](#) protection is active.

## Masango, Vusi

---

**From:** Hinsch, Manda  
**Sent:** 01 August 2014 10:49 AM  
**To:** du Toit, Donne; Evans, Fiona  
**Subject:** FW: HEKPOORT 504 PORTION 183 / PLANNED POWER LINE

Donne

Please receive the letter below and make sure that it is captured appropriately.

Fiona

Please ensure that it is captured when your final report is going out.

**Manda Hinsch** BSc. Hons, Pr. Sci Nat, FWISA  
Associate Partner/Principal Scientist



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**From:** Dorothy Steyn [<mailto:dorothy.elec@mweb.co.za>]  
**Sent:** 30 June 2014 09:58 AM  
**To:** Pretoria  
**Cc:** Poll-Jonker, Linda  
**Subject:** HEKPOORT 504 PORTION 183 / PLANNED POWER LINE

**Ref:** June 2014 / 465044  
**Plot** 183 of the farm 504 JQ Hekpoort

In response to your letter received, I Louis Erasmus would like to inform the writer and partners that no more Eskom lines may be build on my farm.

Currently there are already three (3) 11KV lines that runs through my farm and obstructing the view of the mountains. Currently portion 183 of the farm 504 is not only for farming, but is operational as a function venue, and mountain bike rides flock to this venue on weekends for the beautiful view. Hot air balloons come very close pass and this is what day visitors want to see and experience.

Please also clarify if there is going to be a 132KVA line or a 132 KV line?  
My suggestion will be under ground cables through my farm?

If possible kindly provide plans for the long term goals for the lines, for the fact that Hekpoort is not an Industrial area but a farming community. I will oppose any residential applications in this area as well.

Your rapid response in this matter will be highly appreciated.

Regards,

Louis Erasmus

083 654 9702

E-mail: [dorothy.elec@mweb.co.za](mailto:dorothy.elec@mweb.co.za) or [electrolink@mweb.co.za](mailto:electrolink@mweb.co.za)

Office: 014 576 1337

Fax: 086 618 0629

## Masango, Vusi

---

**From:** Jeannette Horner <jeannette@acball.co.za>  
**Sent:** 07 July 2014 01:40 PM  
**To:** du Toit, Donne  
**Subject:** RE: 465044.2014.07.02.Eskom Cashan Substation Land Owner Notification Letter

Dear Ms. Du Toit

Many thanks for the information. We would appreciate it if you could send us a diagram of the exact routing of this project.

Kind regards

Jeannette Horner  
PA to Antony Ball  
Office +27 10 594 0286  
Direct +27 10 594 0317 / 0295  
Fax +27 86 696 7453 / +27 11 880 2619 Mobile +27 82 465 5395

2nd Floor, 8 Melville Road, Illovo, 2196, Johannesburg, South Africa

---

**From:** du Toit, Donne [<mailto:DduToit@srk.co.za>]  
**Sent:** 02 July 2014 09:32 AM  
**To:** Antony Ball  
**Cc:** Jeannette Horner  
**Subject:** 465044.2014.07.02.Eskom Cashan Substation Land Owner Notification Letter

Dear Mr Ball,

**NOTIFICATION OF APPLICATION FOR ENVIRONMENTAL AUTHORISATION BY ESKOM FOR THE PROPOSED CONSTRUCTION OF THE 132KV CASHAN SUBSTATION AND ASSOCIATED POWER LINE TO THE EXISTING HEKPOORT SUBSTATION, GAUTENG AND NORTH WEST PROVINCES OF SOUTH AFRICA**

SRK Consulting (SA) (Pty) Ltd has identified you as the landowner/ land occupier and contact person of the above mentioned farm portion/ portions. In terms of the National Environmental Management Act (NEMA, Act No. 107 of 1998) EIA Regulations (GN R. 543), dated June 2010, the landowner/ land occupier must be informed of any development on, or adjacent to, the land that is subject to an environmental authorisation application. Eskom hereby gives notice, in terms of the above mentioned Regulations, of its application for environmental authorisation for the proposed construction of the Cashan substation and associated power connecting to the existing Hekpoort substation.

Please see the attached Landowner Notification Letter for your attention.

Our team welcomes your participation and looks forward to your involvement throughout the public participation process.

Yours faithfully,

**Donné Chetty** BA. (Communications Science)

Stakeholder Engagement Consultant



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**Tel:** +27 (0) 12 361 9821; **Fax:** +27 (0) 12 361 9912

**Mobile:** +27 (0) 71 671 9753; **Direct:** +27 (0) 12 361 9821

**Email:** [ddutoit@srk.co.za](mailto:ddutoit@srk.co.za)

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## Masango, Vusi

---

**From:** Jan Kleynhans <systeq@mweb.co.za>  
**Sent:** 01 April 2015 07:39 AM  
**To:** Hinsch, Manda; fevans@srl.co.za; du Toit, Donne; Poll-Jonker, Linda; Systeq  
**Subject:** Power line your ref 465044  
  
**Importance:** High

Good Day,

In reference to your letter January 2015.

Please take note that we will not allow any further servitude on our property or the build of any pylons on such property for all reasons set out hereunder in previous correspondence:

Further and in addition, a servitude of width of 31 meter and the distance of 55m separation between different lines will mean a servitude that will take up an extreme large portion of our land which will mean a extreme decrease in our property value more that we originally thought. This property is only on average 100 meter in width and 670 meters long and allowing a servitude that would take up almost a third of our property in addition to the existing power line servitude is not acceptable.

We've noticed that there is a second alternative route on the proposal which follows the old unused derelict railway line and would like to comment that this route would be a far better alternative as it also does appear that the cost in the alternative to Eskom would be far less than the original proposed route.

We await your response herein.

Please acknowledge receipt of this communication.

Jan Kleynhans  
Member  
Belloord 21CC  
011-782-6973

**From:** [Jan Kleynhans](#)  
**Sent:** Thursday, June 26, 2014 11:27 AM  
**To:** [HINM@SRK.CO.ZA](mailto:HINM@SRK.CO.ZA) ; [Madeleine Kleynhans](#)  
**Subject:** Fw: power line your ref 465044

Good Day,

Further to our telephone conversation of today.

Re: Hartebeesfontein 472 portion 230

I would like to add to me previous objections to this new power line on my property the following:

- a. This area is already a Nature Conservancy.
- b. This new power line will greatly reduce the value or reselling value of our property.
- c. The new proposed power line and larger pylons will also impact on our view of the Magalies Mountains, one of the reasons we bought this property was for this beautiful view from our home and property
- d. Our dwelling is a double storey house with a Thatch Roof and because of the risk of fire we have to upkeep the area around our home to ensure and reduce our risk of fire. On previous occasions, breakages in the existing power line caused fires further down our land. If we allow a new power line which is closer to our dwelling we open ourselves to a greater risk and therefore an huge additional cost to us would have to be incurred on-going year after year.

We await your response herein.

Jan Kleynhans  
Member  
Belloord 21CC  
011-782-6973

**From:** [Jan Kleynhans](#)  
**Sent:** Thursday, April 24, 2014 10:59 AM  
**To:** [mhinsch@srk.co.za](mailto:mhinsch@srk.co.za) ; [Madeleine Kleynhans](#)  
**Subject:** power line your ref 465044

Good day,

I refer to your letter dated simply March 2014 without specific date.

Take note that there is now detail attached which would indicate where this new servitude is planned for.

Please be advised that we would like to place on record that we would oppose any new servitude for Eskom based on the following.

1. There is an already existing servitude on our property 472 JQ Portion 230 and there is no reason why an additional or new servitude should be implemented.
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We await any further information from you in this regard.

Best Regards

Jan Kleynhans  
Member

Belloord 21CC  
011-782-6973

## Masango, Vusi

---

**From:** Sysitek - Madeleine <madeleine@wirelessza.co.za>  
**Sent:** 01 April 2015 05:54 PM  
**To:** 'Sysitek - Madeleine'; Hinsch, Manda; Hinsch, Manda; PPP  
**Cc:** Hinsch, Manda; Hinsch, Manda; PPP; jankleynhans@icloud.com  
**Subject:** RE: power line your ref 465044

**Importance:** High

Re: Hartebeesfontein 472 portion 230 – letter dated March 2015

Further to our emails as below we still **object and refuse** any and all construction of power lines on our property.

Yours sincerely  
Jan and Magdalena Kleynhans

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**From:** Sysitek - Madeleine [<mailto:madeleine@wirelessza.co.za>]  
**Sent:** 26 June 2014 12:22 PM  
**To:** 'HINM@SRK.CO.ZA'  
**Cc:** 'HINM@SRK.CO.ZA'  
**Subject:** FW: power line your ref 465044  
**Importance:** High

---

**From:** Jan Kleynhans [<mailto:syste@q@mweb.co.za>]  
**Sent:** 26 June 2014 11:27 AM  
**To:** [HINM@SRK.CO.ZA](mailto:HINM@SRK.CO.ZA); Madeleine Kleynhans  
**Subject:** Fw: power line your ref 465044  
**Importance:** High

Good Day,

Further to our telephone conversation of today.

Re: Hartebeesfontein 472 portion 230

I would like to add to me previous objections to this new power line on my property the following:

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Jan Kleynhans  
Member  
Belloord 21CC  
011-782-6973

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**Sent:** Thursday, April 24, 2014 10:59 AM  
**To:** [mhinsch@srk.co.za](mailto:mhinsch@srk.co.za) ; [Madeleine Kleynhans](#)  
**Subject:** power line your ref 465044

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5. A new servitude in a different location closer to our dwelling than what is already in use could have future health implications to our family as a whole.

We await any further information from you in this regard.

Best Regards

Jan Kleynhans  
Member  
Belloord 21CC  
011-782-6973



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[www.avast.com](http://www.avast.com)

# JWROELOFFS

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P O Box/Posbus 1

HEKPOORT

1790

[jwroeloffs@roeloffs.co.za](mailto:jwroeloffs@roeloffs.co.za)

Tel (014) 5762426

Faks: (014) 5762426/0865449911

Cell : (083)6260369

---

13 APRIL 2015

SRK Public Participation Office

SRK CONSULTING

Attn: MS DONNE DU TOIT

Good Day Ms Du Toit,

Herewith my objection to the construction of a new 88 kV power line between the existing Hekpoort Substation to the new Kashan Substation.

The proposed route along the R563 will go through my garden as well as part of my residence, which is absolutely not acceptable.

Please note that the portion number 466 in your Basic Assessment Report was a temporary number during subdivision. The new permanent number is now Portion 470 of Hekpoort 504 JQ.

I also draw your attention to the fact that Portion 470 is a corner portion and among the most valuable in Hekpoort.

I received your notification by registered post on 24<sup>th</sup> March 2015. I finally got hold of your Draft Basic Assessment Report. What I do not understand why such an enormous report was made before consulting the farm owners!. (must have cost millions!)

Consider the route along the railway line.

This route will also cross my Portion 472, (new number) to which I will not object to.

Kindly acknowledge my objection.

Regards

J W Roeloffs



7 May 2015

SRK Consulting Engineers and Scientists

PO Box 35290

Menlo Park 0102

ATTENTION : Manda Hinsch

mhinsch@srk.co.za

Dear Ms Hinsch

#### **HIGH VOLTAGE POWER LINES IN HEKPOORT**

First and foremost we would like to extend our gratitude towards you and all involved in organising the meeting that was held at Hekpoort to allow all affected parties the opportunity to discuss and provide input in the planned power supply upgrading project.

OOSTERMOED BELEGGINGS 201 (PTY) LTD (owners of Portion 476 of the Farm Hekpoort 504 JQ (previously portion 444 and portion 475) and Remaining Extent of Portion 323 (a Portion of Portion 2) of the farm Hekpoort 504) support the upgrading of the power supply as we believe this will in turn support development in and around our region. Oostermoed Beleggings is committed to development in Hekpoort as evident from the revamped Hekpoort Centre and the new centre that should be operational towards the end of June 2015. We have further commenced with studies for a retirement village, social housing, low cost housing and affordable housing. This is done with the blessing of Mogale City who is also serious about rural development. The Oostermoed group employs approximately 250 permanent and 300 contractors, all from the area. The envisaged development will further increase the number of permanent employees.

We would like to highlight the fact that Hekpoort as well as surrounding areas are very much reliant on tourism, being the main job creator in and around Hekpoort. The visual impact of high voltage power lines must be carefully managed to minimise the socioeconomic impact on current and future development in the region.

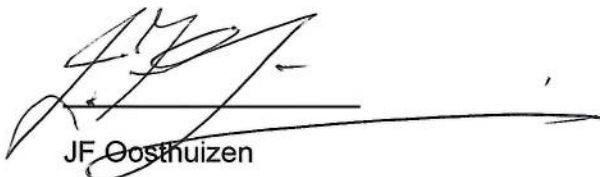
Directly next to the main roads, the R560 and R563, you find all the high value property most favourable to development with views directly onto our most valuable assets namely the Magalies mountain range and the Magalies River. High voltage power lines in these areas will negatively impact on the areas by being visually damaging with the most negative socio-economic effect now and in future.

In Hekpoort the old railway line was built in an area where a lot of mining activities occurred, mainly building sand mining. Apart from the less favourable tourist attraction, the soil conditions and relative high water table will hamper any structural development in these particular areas around the old railway line. The visual and socioeconomic impact would be considerably smaller if one should utilise these areas to erect the power lines to attain the main objective of upgrading the power supply while minimising the negative effect on the area.

OOSTERMOED BELEGGINGS 201 (PTY) LTD is prepared to allow Eskom to erect a new substation, should this be feasible, on a vacant stand, free of charge, insofar the railway line intersect with any of our properties.

We request that you forward us any further information available to effected parties and in public domain regarding this project.

Yours Sincerely

  
JF Oosthuizen

Mobile 082 808 3345

Email [jf0o@ob201.co.za](mailto:jf0o@ob201.co.za)

## Masango, Vusi

---

**From:** Poll-Jonker, Linda  
**Sent:** 23 April 2014 10:33 AM  
**To:** starlingmanor@live.co.za  
**Cc:** du Toit, Donne; Hinsch, Manda  
**Subject:** RE: 469044 Cashan\_ Powerline PPP\_ Enquiry  
**Attachments:** 465044\_Portion231\_23042014.pdf

Dear Stephen

Attached is a map indicating Portion 231 and it's relation to the proposed power line.

Please confirm if this is the portion in question in order for us to communicate this to Eskom.

Kind regards

Linda

---

**From:** Hinsch, Manda  
**Sent:** 22 April 2014 04:19 PM  
**To:** Poll-Jonker, Linda; starlingmanor@live.co.za  
**Cc:** du Toit, Donne  
**Subject:** RE: 469044 Cashan\_ Powerline PPP\_ Enquiry

Linda

Can you possibly add the farm numbers/portions too.

**Manda Hinsch** *BSc. Hons, Pr. Sci Nat, FWISA*  
Associate Partner/Principal Scientist



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**From:** Poll-Jonker, Linda  
**Sent:** 22 April 2014 04:15 PM  
**To:** [starlingmanor@live.co.za](mailto:starlingmanor@live.co.za)  
**Cc:** du Toit, Donne; Hinsch, Manda  
**Subject:** RE: 469044 Cashan\_ Powerline PPP\_ Enquiry

Dear Stephen

As requested, please find attached the map of the proposed alignment of the Cashan-Hekpoort power line.

Should you have any queries, please don't hesitate to contact me.

Regards,

Linda Poll-Jonker BSc Hons Zoology  
Senior Environmental Scientist



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**From:** Hinsch, Manda  
**Sent:** 22 April 2014 03:04 PM  
**To:** [starlingmanor@live.co.za](mailto:starlingmanor@live.co.za)  
**Cc:** Poll-Jonker, Linda; du Toit, Donne  
**Subject:** 469044 Cashan\_ Powerline PPP\_ Enquiry

Stephen

With reference to our telephonic conversation herewith the details of the lady which we have as contact person who is dealing with the land matters for ESKOM. Further more as I mentioned that I will be away on leave as of next week till the end of May and therefore any further communication to be send directly to Linda who is copied in this mail. Linda will also forward you the requested map with the powerline position as was included in the application form to DEA.

Priscilla Mogomotsi  
Land & Rights Practitioner  
Land Development

Tel: 011 711 2290  
Mobile: 073 254 3723  
Fax: 086 664 7902

Email: [mogomop@eskom.co.za](mailto:mogomop@eskom.co.za)

Website: [www.eskom.co.za](http://www.eskom.co.za)

Eskom Centre, 204 Smit Street, Braamfontein, JHB

I trust this information will assist in the interim.

Kind regards

**Manda Hinsch** BSc. Hons, Pr. Sci Nat, FWISA  
Associate Partner/Principal Scientist



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## Masango, Vusi

---

**From:** Hinsch, Manda  
**Sent:** 19 June 2014 03:10 PM  
**To:** PBulterman@Barloworld-equipment.com  
**Cc:** du Toit, Donne  
**Subject:** 465044 ESKOM Cashan Substation and Powerline  
**Attachments:** 465044\_2014\_05\_26\_Amended\_data\_Affected\_Adjacent.pdf

Dear Peter

Following our telephonic conversation herewith a brief summary of the project and attached map.

Eskom is currently trying to decrease the pressure exerted on other power stations by supplying additional substations to areas in need and supplying electricity to areas with increasing electricity demand in the North West and Gauteng Province.

The proposed project includes the construction of a substation in Cashan and a powerline to the existing Hekpoort substation. The proposed Cashan substation falls within the Gauteng province, North West of Krugersdorp and is intended to alleviate the pressure exerted on Eskom in the area for increased power supply and to attempt to ease pressure this increased power supply is exerting on other power stations.

The proposed Cashan substation will be connected to the existing Hekpoort substation via a 132KVA powerline which runs approximately 9 km in a North Easterly direction from Cashan into the North West Province. Figure 1 shows the location of the substation and powerline. Please see map

Please contact me should you require further info, please contact me

**Manda Hinsch** BSc. Hons, Pr. Sci Nat, FWISA  
Associate Partner/Principal Scientist



SRK Consulting (South Africa) (Pty) Ltd.

Menlyn Woods Office Park , Block A , 291 Sprite Ave , Faerie Glen  
P O Box 35290, Menlo Park, 0102

**Tel:** +27 12 361 9821; **Fax:** +27 86 5709573

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**Email:** [hinm@srk.co.za](mailto:hinm@srk.co.za)

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Please consider the environment before printing this e-mail

## Masango, Vusi

---

**From:** Hinsch, Manda  
**Sent:** 19 June 2014 03:58 PM  
**To:** PBulterman@Barloworld-equipment.com  
**Cc:** du Toit, Donne  
**Subject:** Cashan  
**Attachments:** 465044\_2014\_06\_19\_Cashan In Context.jpg

Peter

This map may be better for you to orientate yourself. The roads are included and as you can see the Magalies mountain range is a distance to the north.

**Manda Hinsch** BSc. Hons, Pr. Sci Nat, FWISA  
Associate Partner/Principal Scientist



SRK Consulting (South Africa) (Pty) Ltd.

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---

**From:** Paul, Jennifer  
**Sent:** 19 June 2014 03:54 PM  
**To:** Hinsch, Manda  
**Subject:** Cashan

**Jennifer Paul** BSc. Environmental Science  
Environmental Scientist and GIS Technician



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## Masango, Vusi

---

**From:** Poll-Jonker, Linda  
**Sent:** 08 July 2014 04:10 PM  
**To:** Jeannette@acball.co.za  
**Cc:** Hinsch, Manda; du Toit, Donne  
**Subject:** 465044\_20140708\_Proposed Cashan Power line and substation  
**Attachments:** 465044\_2014\_05\_26\_Amended\_data\_Affected\_Adjacent.pdf

Dear Sir

Attached, please find attached a copy of the route alternatives for the proposed Cashan-Hekpoort power line and Cashan substation.

Your name has been added to the I&AP register and any further correspondence will be forwarded to you as it becomes available.

Should you have any further queries, please contact our office.

Regards,  
Linda Poll-Jonker BSc Hons Zoology  
Senior Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.

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**Tel:** +27 (0) 12 361 9821; **Fax:** +27 086 631 1603

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# Mogale City

## Local Municipality

PO. Box 94  
Krugersdorp  
1740  
Tel: (011) 951-2000  
Fax: (011)  
Direct:

660 1507

**Reference:**

M. Matlhaku  
Control Sheet No: 60511-1/1

SRK CONSULTING (PTY) LTD  
P.O. Box 35290  
Menlo Park  
0102

Tel: 012 361 9821  
Fax: 012 361 9912

Attention: Manda Hinsch

**REGISTRATION AS AN INTERESTED & AFFECTED PARTY: APPLICATION FOR ENVIRONMENTAL AUTHORISATION BY ESKOM FOR THE REGISTRATION OF A NEW SERVITUDE FOR THE PROPOSED CASHAN SUBSTATION AND POWER LINE RUNNING TO THE EXISTING HEKPOORT SUBSTATION**

The above matter refers.

This letter serves to inform you that the Department: Integrated Environmental Management (DIEM) of Mogale City Local Municipality (MCLM) would like to register as an Interested & Affected Party (I&AP) for the proposed construction of the Cashan substation and power line running to the existing Hekpoort substation. You are hereby requested to closely liaise with this office throughout the whole EIA process, including the Public Participation Process.

Please note that in order for DIEM to provide informed input, relevant documentation regarding the proposed activity must be forwarded to this office for review and comment.

Should you have any queries regarding the above matter, please do not hesitate to contact this office at (011) 951 2101.

Yours faithfully,

  
M MOKOENA

EXECUTIVE MANAGER: INTEGRATED ENVIRONMENTAL MANAGEMENT

DATE: 20/05/19

**MOGALE CITY LOCAL MUNICIPALITY**

**DIRECTORATE:  
INTEGRATED ENVIRONMENTAL MANAGEMENT**



*Mogale City Local Municipality*

Fax: (011) 660-1507

[mosele.matlhaku@mogalecity.gov.za](mailto:mosele.matlhaku@mogalecity.gov.za)

**FACSIMILE COVER SHEET**

TO: SRK Consulting (Pty) Ltd	FROM: Mosele Matlhaku
Attention: Manda Hinsch	Date: 20 May 2014
Fax No: 012 361 9912	Fax no: (011) 660-1507
Tel No: 012 361 9821	Tel no: (011) 951 2137
Cc. No of Pages (including this):2	Department: IEM
• Re: <i>Herewith please find the attached letter for your attention.</i>	

Kind Regards,

Cindy Ramalatswa

To: SRK Consulting Engineers and Scientists

Date: 18/05/2015

ATTENTION: Manda Hinch

E-Mail: [mhinsch@srk.co.za](mailto:mhinsch@srk.co.za) and: [ppp@srk.co.za](mailto:ppp@srk.co.za)

Reference: **Project Number: 465044**

**Objections against the currently planned ESKOM expansion route and location of the Cashan Substation:**

In addition to the Open Table meeting held on 30 April at the Hekpoort Community Hall my response is as follows:

**AS AN INTERESTED AND AFFECTED PARTY I RAISE THE FOLLOWING OBJECTIONS, AND SUPPORT THE PROPOSALS LISTED**

During the meeting several of the affected parties raised their grievances and concerns on the location and the routing to the proposed Cashan substation. Based on the concerns it was collectively proposed that the substation be moved to a more appropriate location, and that the route layout be changed to reduce the environmental impacts. In addition the substation should support the local developments in the central Hekpoort area.

Alternative locations for the construction substation were pointed out to SRK and ESKOM that would better meet the requirements and reduce the environmental impact.

**The major grievances raised by the affected parties were:**

- That the location of the proposed power lines and the substation will have severe visual and environmental impacts on the scenery of Hekpoort. The natural scenery of Hekpoort is currently one of the main attractions for tourism to the area and needs to be protected by all means. It is proposed that the substation and power lines be moved to areas where it will be less visible. Specific locations having a lower visual impact were proposed by the parties and should be considered.
- The proposed routes have a huge footprint as it traverses several properties and passes by the doorsteps of several homesteads. The value of properties will also be negatively affected. The footprint can be reduced significantly by locating the substation on one of the proposed sites, and changes are done to the routing in order to avoid the infringement to households. Existent routings should be followed for the re-routing of lines from the substation into the current network from the substation.
- A need exists for electricity supply to support current and planned developments in the central area of Hekpoort. Oostermoed Beleggings (PTY) LTD is currently working in a close relationship with Mogale City in the development of the Hekpoort area and should be supported and consulted in this regard. The proposed location of the substation is not in close proximity of these projects and should be moved closer in order to support these developments. Oostermoed has offered a site for the location of the substation that would better serve these requirements. The proposed site will



also mitigate the visual impact of the substation and power lines in the area. An alternative option would be to locate the substation at the Vogelzang development as was initially anticipated by ESKOM and Mogale City, having an even lower environmental impact.

- From a farming perspective, several sections of the proposed route crosses agricultural properties. The proposed location of the substation is also located on arable land. This will negatively impact on farming activities. By relocating the substation to one of the proposed sites the impact can be reduced significantly.
- The power lines will also pose a safety threat to certain tourism activities such as hot air ballooning currently performed and being a major tourism attraction in the area. Properties over which the power lines are planned are currently used as launching and landing sites that will be exposed to high voltage electrical related hazards.
- The proposed construction will contribute to the destruction of a current natural habitat for several animals and birds on the route. The proposed routes crosses the Magalies River being a sensitive area that needs to be protected and preserved.

### **Proposals to address the grievances and mitigate the environmental impacts:**

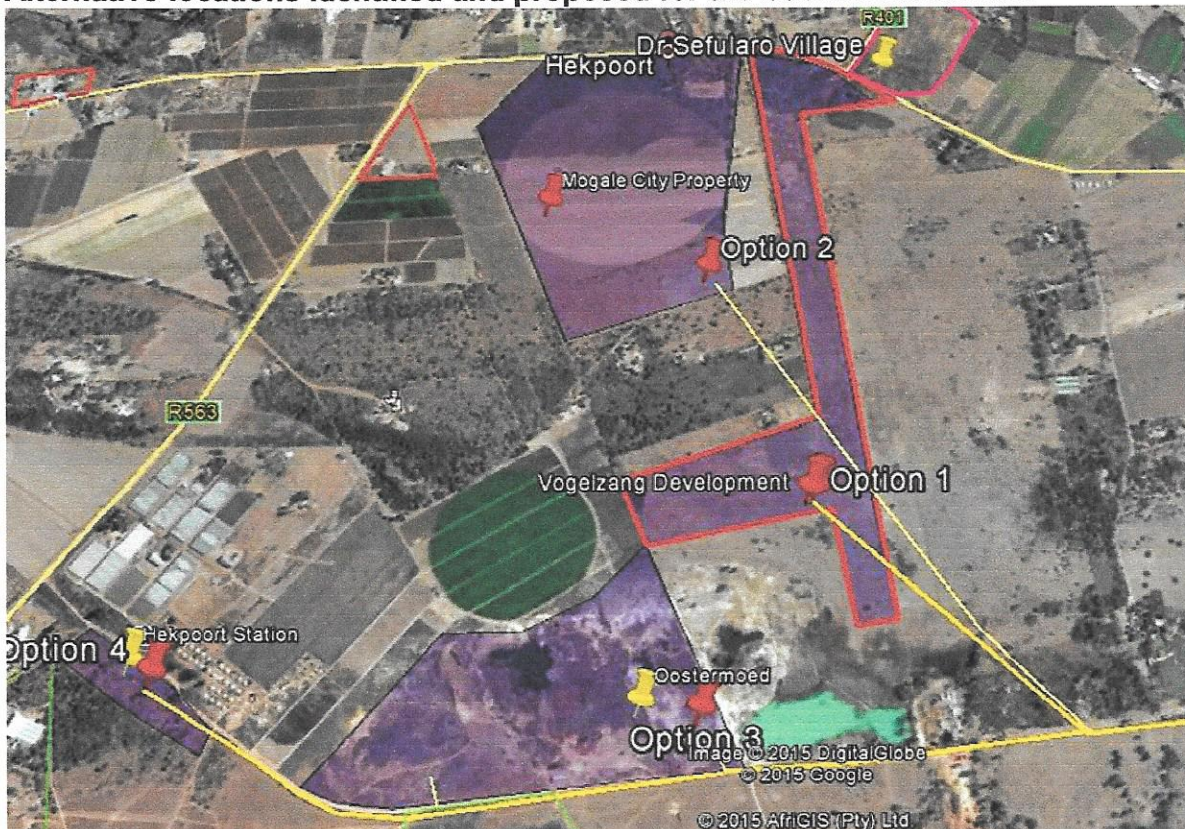
- The affected members were in agreement that the current layouts have several negative impacts that need to be addressed. Mitigation of most of the negative impacts can be done by relocation of the substation to a more suitable site and that route changes be done to reduce the footprint and environmental impacts
- Alternative sites were identified and proposed to reduce the visual impact and reduce the environmental footprint of the planned activity. Properties on these sites are environmentally less sensitive, currently in disuse and less visible / being located out of sight.
- The impact of further expansions should be mitigated by following existent routes and by improvement and strengthening of the existent grid
- Oostermoed Beleggings (PTY) LTD is currently actively involved with developments in the Hekpoort area with the blessing of Mogale City in line with the Hekpoort Spatial / and Long Term Development Plan. These development initiatives need electricity and should be supported.
- Mr. Oosthuizen from Oostermoed has offered assistance in the provision of land on one of their properties for the location of the substation in order to resolve the conflict, reduce impact and better support current developments in the area.



## Alternative options for substation location to be considered:

The following alternative locations were identified for location of the substation in order to mitigate the environmental impacts. The options are discussed in more detail below. The proposal is that the substation be located at a suitable location on one of the blue shaded sites areas.

### Alternative locations identified and proposed for the Cashan Substation



### Option 1 & 2: Locate the substation at Vogelzang as was initially planned (The Preferred Option)

ESKOM and Mogale City initially planned for the construction of the substation on Portion 1 of Vogelzang 429 (**Option 1**) in order to support the Hekpoort Spatial Development Plan.

This option should be re-considered as it was previously anticipated and would well support the Hekpoort Spatial Development Plan and other developments currently planned and in progress in the Hekpoort central area.

From this location power can also be fed into the existing network to follow and support existent routings should eventual expansions be required.

The municipality recently purchased additional land adjacent to the Vogelzang development which could also be suitable for the location of the sub-station should a location on the Vogelzang property not be available (**Option 2**).

A handwritten signature in black ink, located in the bottom right corner of the page.

Refer to the abstract from the final scoping report for the Vogelzang Residential Development Plan of Mogale City below, reflecting the need for electricity at the Vogelzang development and in the Hekpoort central development area.

**Extract from: Final Scoping Report: RESIDENTIAL DEVELOPMENT HEKPOORT**

Ms Priscillia Mogomotsi - Eskom	18-Jul-13	ESKOM together with MCLM are planning a 88kV line and 100 x 100 substation site on the very Portion 1 Vogelzang 429 JQ Hekpoort.
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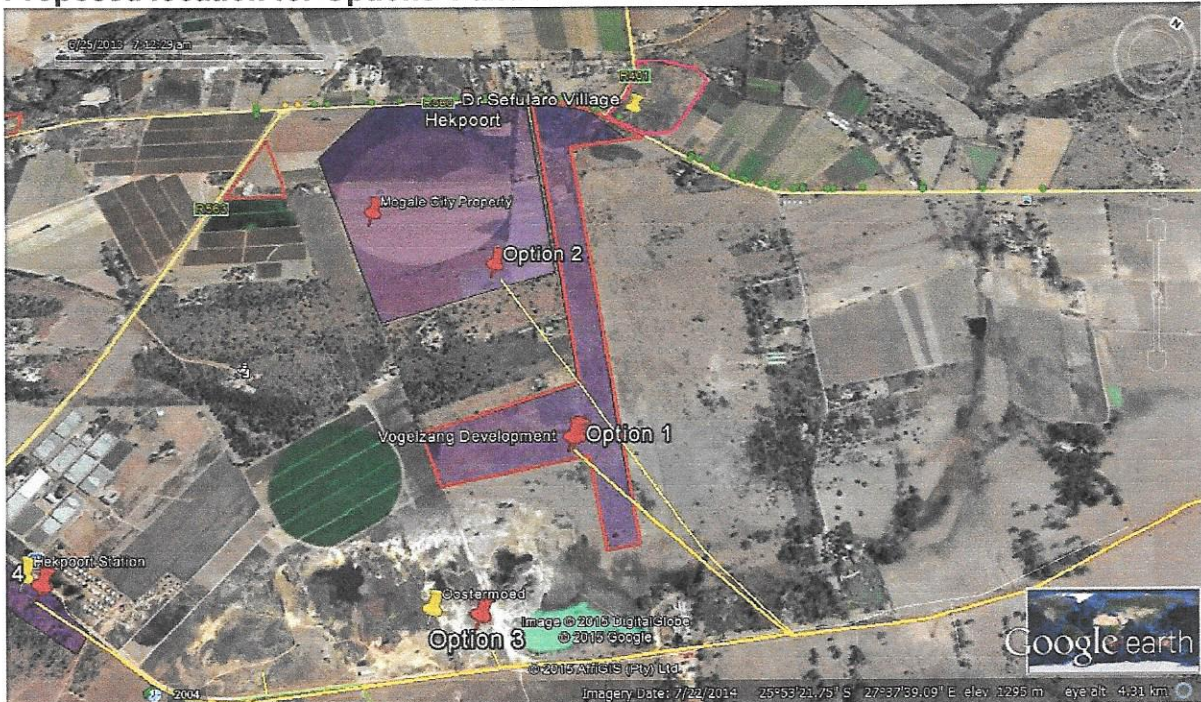
Electricity: Eskom is the electricity provider in the area. There is no electricity available to the project site. Eskom has confirmed that they are currently busy with the planning of a new substation and power lines in order to provide electricity to the area. Environmental consultants (SRK Consulting) were appointed to facilitate the Environmental Impact Assessment Process for the proposed Eskom Cashan-Hekpoort power line and Cashan substation servitude project.

**Location of the planned Vogelzang and Dr. Sefularo developments**



*[Handwritten signature]*

## Proposed location for Options 1 and 2

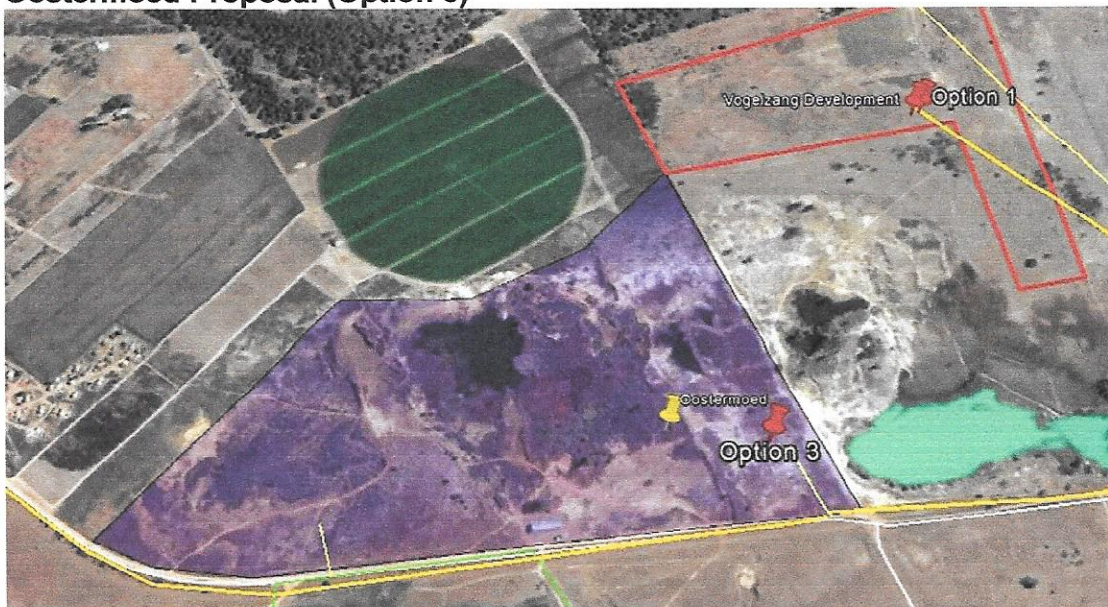


## Option 3: Location of the substation at a premise provided by Oostermoed Beleggings (PTY) LTD

The location of the Substation will be on a previously mined-out and disturbed area, currently not in use. The property is crossed by the anticipated power line following the railway line.

The property is ideally suited as it is available, has a low environmental impact and is well located to serve the current developments anticipated in Hekpoort. . The specific location must be confirmed with Mr. Oosthuizen

## Oostermoed Proposal (Option 3)



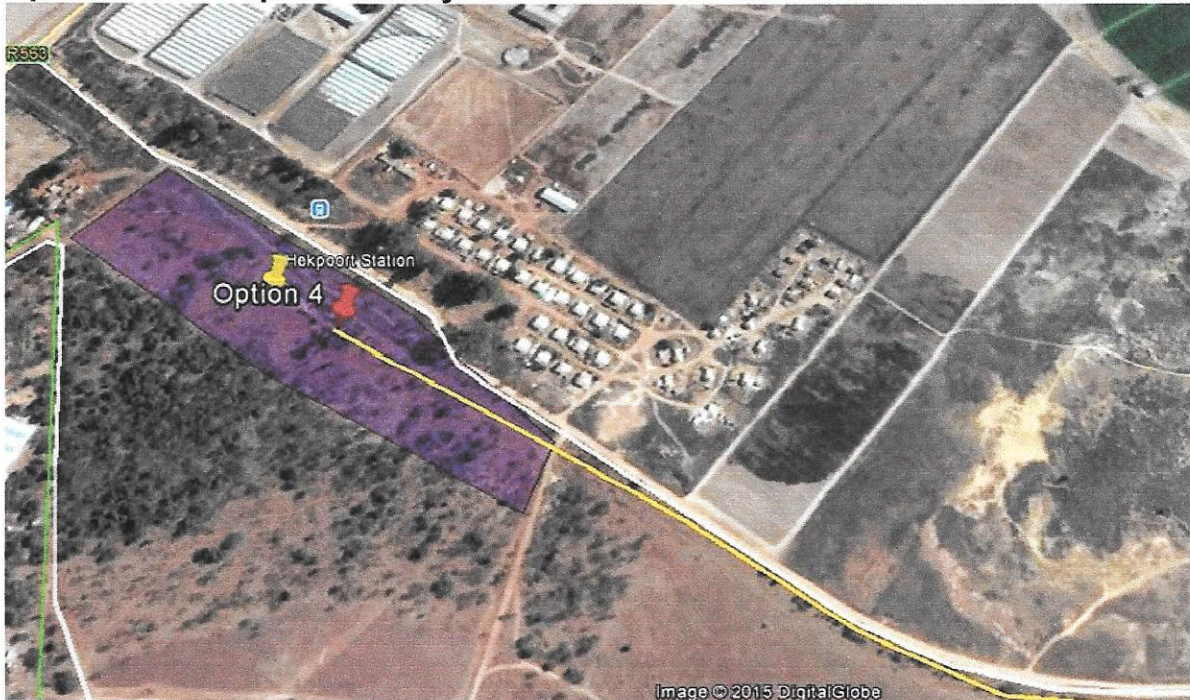
A handwritten signature in black ink, located at the bottom right of the page.

## Option 4: Locate the substation at the old Hekpoort Station Area a

The proposal for Option 4 is to locate the substation on at the old Hekpoort Railway station. This option was proposed by the affected parties as it is out of sight the land is current not in use and vacant. The property currently belongs to Transnet.

The property is well located off the main road and well hidden. The location will also allow the tie in into the existing power grid and serve the local area.

### Option 4: Old Hekpoort Railway Station Area



## Routing Concerns

The current routing crosses the Andriesse Sand Property and will encroach on their Transportation and excavation operations. Sand and crane trucks currently operate on the site. The anticipated power line will create a safety hazard for these activities. Diversion to the planned power line should be considered in order to sidestep these activities.

The proposed routing indicated in the figure below will be located on already disturbed, properties, will minimize the visual impact and will not interfere with the road running next to the railway line.

If Option 1 or Option 2 is selected there will be no impact on Andriesse Sand. Refer to proposed routing depicted below.

A handwritten signature or mark, possibly a stylized 'M' or 'W', located in the bottom right corner of the page.

## Alternative routing proposed to avoid impact on Andriesse Sand, road and rail.



### In conclusion:

The affected parties are of the opinion the planned location and routing of the power lines will have a major environmental impact on the Hekpoort area from a visual perspective and the other reasons listed.

The proposed location does also not support the need for electricity in the central Hekpoort area as the site is not located in close proximity of the current and planned developments.

The environmental footprint can significantly be reduced by locating of the substation at one of the proposed locations that are tabled. The placement of the substation at one of the proposed locations will reduce the environmental impact as these locations are reasonably well hidden and are located on environmentally insensitive properties currently in disuse.

The proposed locations will also support the local demand for power at the planned development areas.

I hereby demand that that the above options be evaluated and be considered for development in order to mitigate the foreseen environmental impacts and concerns as raised by the affected parties and as is listed above.

Regards  
Signature:

Name: Marianne Andriesse.....Contact Number: (014) 576 1299.....

Email: jama@lantic.net.....

Address: Farm 182 Hartbeesfontein Hekpoort ..

*Marianne*

## Masango, Vusi

---

**From:** du Toit, Donne  
**Sent:** 06 July 2015 01:56 PM  
**To:** Masango, Vusi  
**Subject:** FW: RESPONSE: 465044\_20150420--\_INVITATION TO PROPOSED CASHAN SUBSTATION AND POWELINE OPEN-HOUSE

**From:** George Harley [mailto:George.Harley@up.ac.za]  
**Sent:** Tuesday, May 19, 2015 10:55 AM  
**To:** Neels Cronje; Evans, Fiona; Hinsch, Manda  
**Cc:** Electrolink (electrolink@mweb.co.za); Sandra Herbst; du Toit, Donne; ilze-porter@mweb.co.za; jama@lantic.net; peet@greenacreslandscapes.co.za; poilharold@gmail.com; PPP  
**Subject:** Re: RESPONSE: 465044\_20150420--\_INVITATION TO PROPOSED CASHAN SUBSTATION AND POWELINE OPEN-HOUSE

Dear Manda

I am a property owner in the area (Portion 27 Hekpoort) and fully support the objections to the proposed substation location, as per document **DEA REFERENCE NUMBER: 14/12/16/3/3/1/1273**, and in full agreement that the alternatives proposed are viable and will serve the community in a much better manner.

Kind regards

George

**George Harley**

**Programme Manager**

**Centre for Asset Integrity Management (C-AIM)**

*Department of Mechanical and Aeronautical Engineering  
University of Pretoria  
Pretoria  
South Africa*

*Tel: +27 (0)12 420 2781  
Cell: +27 (0)79 701 2602  
E-mail: [george.harley@up.ac.za](mailto:george.harley@up.ac.za)*

>>> Neels Cronje <[neelsc@robhitch.co.za](mailto:neelsc@robhitch.co.za)> 2015-05-19 07:13 AM >>>  
Dear Manda

**IN RESPONSE TO THE PROPOSED CASHAN SUBSTATION AND POWELINE OPEN-HOUSE**

**DEA REFERENCE NUMBER: 14/12/16/3/3/1/1273**

Attached is my response in regards to the Open Table Stakeholders meeting that was held on 30 April in the Hekpoort Community Centre.

As discussed with and requested by you at the meeting I have compiled this document to provide proposals for the mitigation of the environmental impacts and concerns that were raised by the interested and affected parties.

This document was compiled based on items discussed on the meeting and with the inputs from affected parties. I hope this is of value.

You may contact me if your require more information

Regards

**Neels Cronje**

R&H House, 76 Main Street, Bordeaux, 2194  
P.O. Box 858, Randburg, 2125

Cell: +27 83 267 3885  
Tel: +27 11 886 6951  
Fax: +27 11 886 7792  
Email: [neelsc@robhitch.co.za](mailto:neelsc@robhitch.co.za)



---

**From:** Stakeholder [<mailto:stakeholder@srk.co.za>]

**Sent:** 20 April 2015 05:47 PM

**Subject:** 465044\_20150420\_INVITATION TO PROPOSED CASHAN SUBSTATION AND POWELINE OPEN-HOUSE

Dear Stakeholder,

## **INVITATION TO PROPOSED CASHAN SUBSTATION AND POWELINE OPEN-HOUSE**

**DEA REFERENCE NUMBER: 14/12/16/3/3/1/1273**

SRK Consulting (Pty) Ltd (SRK) has been appointed by Eskom to conduct a Basic Assessment (BA) process for Environmental Authorisation (EA). The proposed project includes the construction of a substation in Cashan and a 9 km powerline to the existing Hekpoort substation. The proposed Cashan substation falls within the Gauteng Province and North West province and is intended to alleviate the pressure exerted on the existing Eskom infrastructure in the area. The proposed Cashan substation will be connected to the existing Hekpoort substation via a 88KV powerline which runs approximately 9 km in a North Easterly direction from Cashan into the North West Province.

Stakeholders are hereby invited to an Open-House, where they will be provided with an opportunity to raise their comments regarding the Proposed Construction of the Kashan Substation and Additional 88 kv Power Line to the Existing Hekpoort substation by Eskom, North West. Posters and Maps will be displayed and Stakeholders will have an opportunity to meet and interact with the Project team.

For more information and directions to the venue please contact the Stakeholder Engagement Office on contact information provided below;

**Donné Chetty / Fiona Evans**  
**Stakeholder Engagement Office**

**SRK Consulting**  
**P.O. Box 35290, Menlo Park, Pretoria, 0102**  
**Tel: 012 361 9821**  
[Fevans@srk.co.za](mailto:Fevans@srk.co.za) / [ddutoit@srk.co.za](mailto:ddutoit@srk.co.za)

**Kind Regards**

**Donné Chetty** BA. (Communications Science)  
Stakeholder Engagement Consultant



SRK Consulting (South Africa) (Pty) Ltd.


Menlyn Wood Office Park, Block A, 291 Sprite Avenue, Faerie Glen, 0081  
P. O. Box, 35290, Menlo Park, 0102

**Tel:** +27 (0) 12 361 9821; **Fax:** +27 (0) 12 361 9912

**Mobile:** +27 (0) 74 042 1015; **Direct:** +27 (0) 12 361 9821

**Email:** [ddutoit@srk.co.za](mailto:ddutoit@srk.co.za)

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[Forget previous vote](#)

12 May 2015

Portion 180 of Farm Hekpoort

Hekpoort

1790

084 651 1119

Dear Sir,

**Reference: Project Number: 465044**

**REGISTRATION AS AN INTERESTED AND AFFECTED PARTY ((I&APs)) APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED CONSTRUCTION OF THE CASHAN SUBSTATION AND ADDITIONAL 132KVA POWER LINE TO THE EXISTING HEKPOORT SUBSTATION BY ESKOM, NORTH WEST**

## **DEA REFERENCE NUMBER: 14/12/16/3/3/1/1273**

I hereby request that I be registered as Interested and Affected Party on this project. I only came to know about this project last week when my neighbor mentioned the proposed constructions and provided me with some information. I have therefore had no insight and wish to record that I have not been known in any form of consultations by the stakeholders in this project.

I am the owner and affected party representing **PORTION 180 Hekpoort JQ504**

I am opposed to this project for the following reasons:

1. The planned location of this project is not suitably located and in line with the Spatial Plan as intended by Mogale City as the development is planned in the Central area if Hekpoort far from the intended site. The planned route will pass by the development area only to be routed back requiring more infrastructure. Significant cost savings can be achieved by locating the substation close to the intended Vogelsang and Dr Sefago Village development as planned in the Hekpoort Spatial Development plan and as was previously planned. The municipality already owns land in this area that will reduce the environmental impact significantly. Alternative options and locations for the substation should be considered.
2. The current planned routes also cross the Magalies river being a sensitive area and that will lead to the destruction of natural forest and environment. This will have a huge impact on the natural habitat of several animals, fish and vegetation such as serval cats, vervet monkeys, porcupines, Yellow fish, aloes and several other sensitive species that will be affected. Vervet monkeys are protected in terms of both national and provincial conservation legislation and also in terms of national animal protection legislation.

3. Referring to the map of the Vogelsang development area - from a visual perspective the selected site will have a severe visual impact as is located in the eye on the corner of forking roads, whereas there are several areas that will have a lesser impact. It also obstructs the view from my home which was built no less than 4 years ago purposely for the view of the area.
4. The Power lines will also pose a safety hazard and threat to the hot air ballooning activities that are performed in the area as the properties on which the activities are planned are used as launching and landing sites.
5. My **main concern** is however is the fact that I am an emerging **exotic game farmer** and have recently invested large sums of money in the procurement of exotic game. Access to my property by persons will pose a great risk as gates may be left open, fires be started (albeit accidentally) which will potentially kill my game and impact significantly on the availability of feed (veldt). The registration of a servitude on my property will reduce severely the land area available for my game farming operations and will require me to reduce the number of heads of game that I may have on the farm, which will have a financial impact on my operations.
6. Due to the exotic nature of the game and the security risk associated with poaching etc. I cannot allow for individuals to access the property in fear of them "advertising" the nature of my operations, thus posing a significant risk to me and my property.
7. I am a single female living on the farm and such unlimited and uncontrolled access will pose a **threat to me as an individual and my personal security** as well.
8. The proposed servitude and structure will have a grave impact on the value of my property as the size available for farming operations will in essence be reduced.
9. The proposed power line and associated servitude will be situated on the only area of the farm that I can cultivate with animal feeds. If I am no longer able to cultivate feed, I will be required to procure feed i.e. lusern etc. which is very costly exercise, even more so during times of drought and winter when feed is in short supply and prices even double.
10. My opinion is that by relocating and re-routing the line and substation the environmental impact and footprint can be reduced significantly. There are several other concerns that my neighbours and I have, and I would like to invite you to visit me so that we can discuss my concerns and proposals in more detail.

Please contact me if you need more information.

DL

Ilze Poter

Open House Attendance Register - 465044 Eskom Cashen			
First Name	Last Name	Company	Position
Fiona	Evans	SRK Consulting	Environmental Scientist
Peter	Mozes	Eskom	Eskom Representative
Sipho	Zitha	Eskom	Eskom Representative
Tshepo	Nong	Eskom	Eskom Representative
Vusi	Phalela	Eskom	Eskom Representative
Rets	Mebalo	Eskom	Eskom Representative
Priscilla	Mogomotsi	Eskom	Land & Rights Practitioner
Neo	Masemola	Eskom	Land Development Department   Environmental Management Section
Corie	Vermulen		Land Owner
Dejane	Poijl	Hekpoort 504 portion 187	Land Owner
Jan Hendrik	Kleynhans	Belloord 21 -Hartebeestfontein 472 portion 230	Land Owner
Jan Willem	Roeloffs	Hekpoort 504 portion 2	Land Owner
Johannes	Cronje	J.C Cronje Boerdery	Land Owner
Louis	Erasmus	Hekpoort 504 portion 183	Land Owner
Peet	Van Merwe	Greenaeres Landscape	Land Owner
Mafius Rapula	Selebi	Hartebeestfontein 472 portion 177	Land Owner (Mmogo re ka kgona co Operation)
Motshabi	Mahlusi	NWREAD	NWREAD Representative
Johan	Oosthuizen	Oostermoed	Oostermoed Representative
Manda	Hinsch	SRK Consulting	Principle Scientist
Koos	Burger	Quantum Foods T/A Mulain	Quantum Foods Representative
Donné	Chetty	SRK Consulting	Stakeholder Engagement Consultant