

APPENDIX E17

ZOOM MEETING 17 APRIL 2021

APPENDIX E17.1

NOTIFICATION OF ZOOM MEETING - 21 APRIL 2021

Marlene Lingenfelder

From: Sonette Smit
Sent: 17 April 2021 10:49 AM
To: Abrie Hanekom Vaaloewer; Anne Wilson; Aragea Holland-Fredericks; Chakane; Chris Campbell ; Cindy Aboud; Craig Richardson; Di Stevens (Vaaloewer); Dina; Duan Jacobs; Frans Van der Merwe; Gavin Aboud; Hanlie Stander; Liz; Louis Kruger; Magda Rijksen; Marianne Bilsland; Mariette Liefferink; Martin Struwig; Mcebo Mkhathshwa; Nardus Buys; Paul Kgole; Philip Hartsliet; Pieter Hattingh; Protect Vaal Eden; Renee Hartsliet; Sampie van Rooyen; Sean Hunter and Heather Ubsdell; Stephan Fick / Johan and Susan Malan; Veronica Withers; Warrin ; Yusuf Dadabhay
Cc: Marlene Lingenfelder
Subject: Monte Cristo Commercial Park Draft Environmental Impact Assessment Report ("DEIAR") and Environmental Management Programme ("EMPR") Notification – Public Participation
Attachments: 210410 1st Pub Participate.pdf; Greenmined MCCP Presentation 17.04.21 MSC.pdf

Dear Interested and Affected Party,

Monte Cristo Commercial Park Draft Environmental Impact Assessment Report ("DEIAR") and Environmental Management Programme ("EMPR") Notification – Public Participation Meeting

1. The above matter as well as the Public Participation Meeting scheduled to take place Virtually and Physically on 17 April 2021 at 07h00 refer.
2. We must, at the outset, apologise profusely for the technological difficulties experienced by us at the aforementioned scheduled Meeting, which resulted in many I&APs electing to leave such Meeting.
3. In the event that any I&APs that intended to attend the aforementioned Meeting scheduled to be held on 17 April 2021 at 07h00, wish to attend the additional Meeting to be held today, 17 April 2021, at 13h00, we invite such I&APs to do so, Physically or Virtually.
 - 3.1. For the avoidance of any doubt, we confirm that the aforementioned technological difficulties, have been rectified, and the Meeting Scheduled to take place today, 17 April 2021, at 13h00, is expected to proceed without difficulty and/or delay.
 - 3.2. We shall, via SMS and Telephone Call, attempt to contact all such I&APs that intended to attend the aforementioned Meeting scheduled to be held on 17 April 2021 at 07h00, in order to notify and invite such I&APs to the Meeting scheduled to take place today, 17 April 2021 at 13h00, and to the further Meetings on 21 April 2021 and 24 April 2021.
4. Nevertheless, we invite all I&APs, that intended to attend the aforementioned Meeting scheduled to take place on 17 April 2021 at 07h00, Physically or Virtually, to also attend the further Meetings to be held by us, on 24 April 2021, as follows:
 - 4.1. **Barrage Informal Settlement** – On open Land in front of Barrage Primary School, located at Area 577 Kaalplaats Barrage 1900 Gauteng Province, (open space approximately 100m South west from Barrage Police Station) - GPS Co-ordinates 26.762991 - 27.678541 **at 9:00 – 10:00;**
 - 4.2. **Lindequesdrift/Vaal Oewer Informal Settlement** – On open Land immediately adjacent to Lindequesdrift (Vaal Oewer) informal settlement, North West Province, on main road (Open Space approximately 750m south from the Vaal Oewer entrance - GPS Co-ordinates -26,7309250, 27,5842210 at **11:00 – 12:00.**

5. We wish to again re-iterate and stress that the well-being of the I&APs, is of utmost concern to us.

Additional Virtual Meeting To Be Held 21 April 2021 At 17h00

6. We have accordingly arranged a further Meeting, to be held Virtually on Wednesday 21 April 2021, at 17h00, which I&APs that intended on taking part in the Meeting scheduled to take place 17 April 2021 at 07h00 may attend, in the event that are unable to attend the Virtual and Physical Meetings scheduled to take place on 17 April 2021 at 13h00 and/or 24 April 2021.
- 6.1. A Zoom link, to the aforementioned meeting to be held on 21 April 2021 at 17h00, shall be sent to such I&APs that were present, at the Meeting scheduled to take place on 17 April 2021 at 07h00, which did not proceed.
- 6.2. We are, however, not in a position to arrange any further Meetings, in addition to the Meetings to be held on 21 April 2021 and on 24 April 2021.
- 6.3. We respectfully urge all relevant I&APs to attend one of the four abovementioned Meetings as again set out hereunder:
- 6.3.1.the Meeting to be held on 17 April 2021 at 13h00;
- 6.3.2.the Meeting to be held on 21 April 2021 at 17h00;
- 6.3.3.the Meeting to be held on 24 April 2021 at 09h00; and
- 6.3.4.the Meeting to be held on 24 April 2021 at 11h00.
7. In addition to the Meetings to be held, and in the interests of transparency, we attach hereto the Transcription of the Meeting held on 10 April 2021, together with the Presentation Material used in the Public Participation Meetings, in order for I&APs to have access to all relevant information, which I&APs may require, in order to provide Greenmined with comments in relation to the DEIAR.
- 7.1. We shall, in due course and upon receipt of same, distribute the Transcription of the Meeting scheduled to take place today, 17 April 2021 at 13h00.
- 7.2. We wish to point out that the Presentation Material herewith provided, has been produced from, and in accordance with, the DEIAR and Specialist Studies as attached thereto, and as such, does not constitute any new Material, which was not included in the DEIAR.
- 7.3. The Presentation Material, is provided to I&APs, in order to provide I&APs with a concise and succinct summary of the Material Facts of MCCP's Application.
8. We trust that you find the above in order and once again thank you for your valued engagement with Greenmined.

Kind Regards/Vriendelike Groete

Sonette Smit

Managing Director



Tel: 021 851 2673
Cell: 084 5855706
Fax: 086 546 0579
www.greenmined.com

Unit MO1, No 37 AECl site
Baker Square, Paardevlei
De Beers Avenue
Somerset West, 7130

APPENDIX E17.2

REQUEST OF ATTENDANCE CONFIRMATION FOR ZOOM MEETING - 21 APRIL 2021

Dear Interested and Affected Party,

Monte Cristo Commercial Park Draft Environmental Impact Assessment Report (“DEIAR”) and Environmental Management Programme (“EMPR”) Notification – Public Participation Meeting

1. The email sent to you on 17 April 2021 at 10:46 am as enclosed below refers.
2. Kindly confirm your attendance by 10:00 am on Wednesday 21 April 2021 in order for us to provide you with the relevant Zoom link.
3. Please note that no additional information will be presented during this meeting. The materials to be presented and discussed will be the same materials presented and discussed at the public participation meetings held on 10 and 17 April 2021 by Greenmined.
4. We confirm that the MCCP Managing Director, Management and Specialist Consultants (whose reports were utilized in compiling the DEIAR) , will be in attendance, to answer I&APs questions, and provide information.
5. The meeting will be chaired by Dr Dawid de Vaal.
6. We trust that you find the above in order.

Kind Regards/Vriendelike Groete

Sonette Smit

Managing Director



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Baker Square, Paardevlei

De Beers Avenue

Somerset West, 7130

Marlene Lingenfelder

From: Warrin F. <warrinf@gmail.com>
Sent: 21 April 2021 09:01 AM
To: Sonette Smit
Cc: Abrie Hanekom Vaaloewer; Anne Wilson; Aragea Holland-Fredericks; Chakane; Chris Campbell; Cindy Aboud; Craig Richardson; Di Stevens (Vaaloewer); Dina; Duan Jacobs; Frans Van der Merwe; Gavin Aboud; Hanlie Stander; Liz; Louis Kruger; Magda Rijksen; Marianne Bilsland; Mariette Liefferink; Martin Struwig; Mcebo Mkhathshwa; Nardus Buys; Paul Kgole; Philip Hartslielief; Pieter Hattingh; Protect Vaal Eden; Renee Hartslielief; Sampie van Rooyen; Sean Hunter and Heather Ubsdell; Selma Kok; Stephan Fick / Johan and Susan Malan; Veronica Withers; Yusuf Dadabhay; Marlene Lingenfelder
Subject: Re: Monte Cristo Commercial Park Draft Environmental Impact Assessment Report ("DEIAR") and Environmental Management Programme ("EMPR") Notification – Public Participation

I wish to confirm my attendance at tonight's meeting.

Kind regards, warrin

On Tue, 20 Apr 2021 at 21:16, Sonette Smit <Sonette.S@greenmined.co.za> wrote:

Dear Interested and Affected Party,

Monte Cristo Commercial Park Draft Environmental Impact Assessment Report ("DEIAR") and Environmental Management Programme ("EMPR") Notification – Public Participation Meeting

1. The email sent to you on 17 April 2021 at 10:46 am as enclosed below refers.
2. Kindly confirm your attendance by 10:00 am on Wednesday 21 April 2021 in order for us to provide you with the relevant Zoom link.
3. Please note that no additional information will be presented during this meeting. The materials to be presented and discussed will be the same materials presented and discussed at the public participation meetings held on 10 and 17 April 2021 by Greenmined.
4. We confirm that the MCCP Managing Director, Management and Specialist Consultants (whose reports were utilized in compiling the DEIAR) , will be in attendance, to answer I&APs questions, and provide information.
5. The meeting will be chaired by Dr Dawid de Vaal.
6. We trust that you find the above in order.

Marlene Lingenfelder

From: Sonette Smit
Sent: 21 April 2021 09:44 AM
To: Marlene Lingenfelder
Subject: FW: Monte Cristo Commercial Park Draft Environmental Impact Assessment Report ("DEIAR") and Environmental Management Programme ("EMPR") Notification – Public Participation

From: Renee de Jong Hartsliet [mailto:renee@bundunet.com]

Sent: Wednesday, April 21, 2021 9:28 AM

To: Sonette Smit <Sonette.S@greenmined.co.za>

Cc: Abrie Hanekom Vaaloewer <marlene@kruppeng.co.za>; Anne Wilson <candyz@iafrica.com>; Aragea Holland-Fredericks <hollandgea@gmail.com>; Chakane <chakanes@feziledabi.gov.za>; Chris Campbell <chris@cesa.co.za>; Cindy Aboud <cindy.aboud@vodamail.co.za>; Craig Richardson <cmrich@mweb.co.za>; Di Stevens (Vaaloewer) <edstevens@telkomsa.net>; Dina <dina.henstock@gmail.com>; Duan Jacobs <duan.jacobs@sasol.com>; Frans Van der Merwe <frans.vandermerwe@telkomsa.net>; Gavin Aboud <gavinaboud@vodamail.co.za>; Hanlie Stander <HanlieS@jse.co.za>; Liz <liz.tuux@gmail.com>; Louis Kruger <krugerskroon@gmail.com>; Magda Rijksen <mrijksen@telkomsa.net>; Marianne Bilsland <marianne@fixeng.co.za>; Mariette Liefferink <mariette@pea.org.za>; Marlene Lingenfelder <admin@greenmined.co.za>; Martin Struwig <martin.vaaloewer@vodamail.co.za>; Mcebo Mkhathswa <mcebom@feziledabi.gov.za>; Nardus Buys <nardus@braccanix.co.za>; Paul Kgole <paulkg@vodamail.co.za>; Philip Hartsliet <bobh@dullies.com>; Pieter Hattingh <pieter.hattingh@sibanyestillwater.com>; Protect Vaal Eden <protectvaal eden@googlegroups.com>; Sampie van Rooyen <svr@envmvp.com>; Sean Hunter and Heather Ubsdell <heatherkate63@gmail.com>; Selma Kok <littlegreenprojectsK@gmail.com>; Stephan Fick / Johan and Susan Malan <stephanfick@gmail.com>; Veronica Withers <nickiwithers@gmail.com>; Warrin <warrinf@gmail.com>; Yusuf Dadabhay <YusufD@plazaboard.co.za>

Subject: Re: Monte Cristo Commercial Park Draft Environmental Impact Assessment Report ("DEIAR") and Environmental Management Programme ("EMPR") Notification – Public Participation

Dear Sonette,

I will attempt to join the virtual meeting at 17:00 today by phone. As stated several times before, I do not have WiFi.

As communicated with you previously, the makeup physical meeting (for the one that one that you caused to fail) should be physical and we should have 2-weeks notice.

I request, one again, the attendance register of that meeting of 17 April.

Further, please provide the minutes of the meeting of the afternoon meeting of 17 April and attendance register.

Regards,

Renee

Renee de Jong Hartsliet

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

On Tue, 20 Apr 2021 at 21:14, Sonette Smit <Sonette.S@greenmined.co.za> wrote:

Marlene Lingenfelder

From: Sonette Smit
Sent: 21 April 2021 09:46 AM
To: Hanlie Stander
Cc: Marlene Lingenfelder
Subject: FW: Attendance today - Hanlie Stander - RE: Monte Cristo Commercial Park Draft Environmental Impact Assessment Report ("DEIAR") and Environmental Management Programme ("EMPR") Notification – Public Participation

Good day Hanlie,

You are most welcome, I will send the link soon.

Kind Regards/Vriendelike Groete

Sonette Smit
Managing Director



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Baker Square, Paardevlei
De Beers Avenue
Somerset West, 7130

Suite 62, Private Bag x15
Somerset West, 7129

"the goal isn't to live forever, it is to protect a planet that will"

From: Hanlie Stander [mailto:HanlieS@jse.co.za]
Sent: Wednesday, April 21, 2021 8:01 AM
To: Sonette Smit <Sonette.S@greenmined.co.za>
Subject: Attendance today - Hanlie Stander - RE: Monte Cristo Commercial Park Draft Environmental Impact Assessment Report ("DEIAR") and Environmental Management Programme ("EMPR") Notification – Public Participation

Good morning Sonette – trust that you are well and coping with all the pressure and sometimes inconsiderate individuals.
☺

I did not manage to connect to the 17th's meeting at 13:00 so opt to rather attend today's session at 17:00 and I believe it is ok if I request attendance before 10:00 AM today in order to receive the Zoom link.

Thanking you kindly

Kind regards

APPENDIX E17.3

MEETING LINK SENT – 21 APRIL 2021

Marlene Lingenfelder

From: Sonette Smit
Sent: 21 April 2021 02:38 PM
Subject: FW: Public Meeting to discuss the MCCP Draft Environmental Impact Assessment Report - 21 April 2021

Dear registered I&APs

Monte Cristo Commercial Park (Pty) Ltd (“MCCP”) Draft Environmental Impact Assessment Report (“DEIAR”) and Environmental Management Programme (“EMPR”) Notification

FS 30/5/1/2/2/10048MR

1. In order to accommodate I&APs that wished to attend the meeting on Saturday 17 April 2021, MCCP has arranged **an additional meeting on Wednesday 21 April 2021 at 17h00**, which I&APs will be able to attend Virtually, subject to what is set out in detail hereunder.
2. Please find herewith the Zoom link to the **Virtual Public Participation Meeting** to be held on **Wednesday 21 April 2021 at 17h00** to discuss the **Draft Environmental Impact Assessment Report (“DEIAR”)** and **Environmental Management Programme (“EMPR”)** for the proposed Mining Right application by Monte Cristo Commercial Park (Pty) Ltd over the following three farm portions: The Remaining Extent of Portion 1 of the Farm Woodlands 407, Portion 3 of the Farm Woodlands 407 and the Remaining Extent of the Farm Woodlands 407 in the Ngwathe Municipal District, Free State Province.

Date: Wednesday 21 April 2021

Time: 17h00

Topic: Public Meeting to discuss the MCCP Draft Environmental Impact Assessment Report

Time: Apr 21, 2021 05:00 PM Harare, Pretoria

Join Zoom Meeting

<https://raubex.zoom.us/j/96890738995>

Meeting ID: 968 9073 8995

One tap mobile

+27214268191,,96890738995# South Africa

+27875503946,,96890738995# South Africa

3. **Please ensure**
 - 3.1 You are online and connected 10 minutes before the meeting starts.
 - 3.2 You have the most recent version of Zoom, as with an older version you may have connection or audio/video issues and be unable to participate effectively or at all.
 - 3.3 That the device you are logging in with has a registered name to permit access.
4. We thank you in advance for your cooperation, and look forward to interacting with you.
5. If you are experiencing problems on the day, please be kind enough to send a message via **WHATSAPP to 084 585 5706**, as we will be unable to take calls while administering a meeting.

Kind Regards/Vriendelike Groete

Sonette Smit

Marlene Lingenfelder

From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>
To: russell.trohon@seeff.com; dianestevens175@gmail.com; trevorscottcrossley@gmail.com; wayne.kevern.wk@gmail.com; littlegreenprojectsK@gmail.com; heatherkate63@gmail.com; warrinf@gmail.com; nickiwithers@gmail.com; stephanfick@gmail.com; russell.tate.rt@gmail.com; dina.henstock@gmail.com; hollandgea@gmail.com; krugerskroon@gmail.com; liz.tuxx@gmail.com; YusufD@plazaboard.co.za; svr@envmgp.com; realtime@mweb.co.za; cmrich@mweb.co.za; duan.jacobs@sasol.com; pieter.hattingh@sibanyestillwater.com; edstevens@telkomsa.net; frans.vandermerwe@telkomsa.net; mrijksen@telkomsa.net; candyz@iafrica.com; marlene@kruppeng.co.za; renee@bundunet.com; protectvaaleden@googlegroups.com; mariette@pea.org.za
Sent: 21 April 2021 02:44 PM
Subject: Delivered: Public Meeting to discuss the MCCP Draft Environmental Impact Assessment Report - 21 April 2021

Your message has been delivered to the following recipients:

russell.trohon@seeff.com

dianestevens175@gmail.com

trevorscottcrossley@gmail.com

wayne.kevern.wk@gmail.com

littlegreenprojectsK@gmail.com

heatherkate63@gmail.com

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mrijksen@telkomsa.net

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marlene@kruppeng.co.za

renee@bundunet.com

protectvaaleden@googlegroups.com

mariette@pea.org.za

Subject: FW: Public Meeting to discuss the MCCP Draft Environmental Impact Assessment Report - 21 April 2021



File: Portfolio:
Reverting to office...

APPENDIX E17.4
ATTENDANCE REGISTER - 21 APRIL 2021

21 April 2021 – PM Meeting

Attendees:

Chairman: Dr De Waal

Greenmined Team: Mrs Sonette Smit
Mrs Marlene Lingenfelder
Mrs Elsaine Costerus-Mohr
Mrs Murchellin Saal

Specialists: Mr Marius Meintjies – Cymbiduum
Mr Mader van den Berg
Mr Leon Roets
Mr Peter Roux
Me Renee van Gruenewaldt
Mr Russel Tate

VLDC Team: Adv Mark van Wyk
Mr Robert Schimpers
Mrs Ilse Dicks
Mrs Brenda

Registered I&APS - Zoom:

Mr Van Wyk (Snr)

Me Selma Kok

littlegreenprojectsK@gmail.com

Mr Warrin Flores

warrinf@gmail.com

Me Renee Hartslief

renee@bundunet.com

Me Hanlie Stander

HanlieS@jse.co.za

Me Veronica Withers

nickiwithers@gmail.com

Mr Paule Kgole

paulkg@vodamail.co.za

Mr Bob Hartslief

bobh@dullies.com

Mr Michael Gaade

mjgaade@gmail.com

Real time Transcriptions

APPENDIX E17.5
MEETING CHAT FROM ZOOM

17:25:15 From paulkg@vodamail.co.za : To PrEngineers in the room, please note Code of Conduct for Professional Persons of Engineering Council of South Africa;

17:27:48 From paulkg@vodamail.co.za : Registered Persons must at all times strive to ensure that in meeting present development needs, the ability of future generations to meet their needs is not compromised (Clause 3.4 (b))

17:46:12 From Renee Hartslielief : I am so prejudiced by this process - because I do not have WiFi on the farm. And I keep losing connection ☐

17:49:07 From paulkg@vodamail.co.za : shouldn't comparison be made with countries in Africa over and above Australia and did you say America?

17:57:31 From Nicki : So it seems our precious water resources are to be used to reduce dust. Is that correct?

17:59:18 From paulkg@vodamail.co.za : theory vs practice - do they meet minimum requirements?

18:02:33 From paulkg@vodamail.co.za : thanks, will certainly read the ES

18:18:49 From Selma Kok : Where will the rotary pan plantcrusher, screens etc. be located on the site?

18:23:55 From Hanlie Stander : Wow that is interesting . thanks

18:29:20 From Selma Kok : Such as surface water pollution??

18:34:38 From Nicki : Does anyone have images of how the mining area looks right now? No fancy dwellings to be seen

18:40:51 From Renee Hartslielief : Sorry, I lost connection again 😊

18:41:49 From Renee Hartslielief : I have emailed and WhatsApp'd the video clip from today to Sonette

18:43:22 From Renee Hartslielief : Lost connection again

18:55:13 From Ganoherb Africa : Adv Van Wyk would it be possible to visit the site tomorrow afternoon please?

18:56:01 From Willie van Niekerk : I am leaving the meeting now, thank you

19:04:01 From leon : Dear Sonette I have joined (Leon Roets, Traffic Engineer)

19:05:08 From Selma Kok : The Vaal Action Group is concerned about surface water pollution and run-off from the mining activities as well as the erosion, leaching of contaminants etc. Have all studies (impact on fish life) now been completed?

19:07:40 From Selma Kok : Has the impact of water utilisation by the mine on the immediate local hydrology been determined?

19:11:36 From Ganoherb Africa : Will the mining go below the level of the river ?

19:14:22 From Nicki : I need to leave now, please supply me with minutes once they are available - thank you

19:14:42 From Selma Kok : It was said that diamond mining will be done on the northern and southern zites.

19:15:09 From Hanlie Stander : Hanlie Stander hanlies@jse.co.za

19:16:36 From Selma Kok : Selma Kok email: admin@vaalactiongroup.co.za

19:21:47 From Renee Hartslielief : Roads might be a good time to show the video clip - which illustrates the dust and the horrific state of the road - as well as how dangerous the trucks are

19:33:21 From Renee Hartslielief : My hand was also raised - about the Socio Economic Impact and Economic Impact studies done by Enviroworks for Shango - both studies determined NO-GO - specifically because of the adverse cumulative impacts

19:44:57 From Renee Hartslielief : Summaries from Enviroworks SEIA and EIA reports January 2019SOCIO ECONOMIC IMPACT ASSESSMENT"The findings

from the SEIA indicate that the socio-economic benefits associated with the proposed amendment will not out-weigh the negative impacts. Numerous negative impacts as a result of the sand mines in the area bother the surrounding community and the proposed amendment will compound this. While the amendment will result in some wider economic benefits, the local economy will see few of these benefits. Furthermore, the area's tourism sector faces [SIC] will be impacted upon significantly. Negative impacts associated with the proposed amendment can be reduced to acceptable levels only if stringent mitigation measures are applied and these measures strictly adhered to. It is thus concluded that the proposed amendment, while providing jobs and small-scale economic benefits, will lead to great discontent among the local community and negatively affect the tourism potential of the area.

19:46:32 From Renee Hartslief : At this stage, with the information at hand, it is not possible for Enviroworks and CES to support the approval of the amendment from a socio-economic point of view, unless mitigation measures as proposed are implemented, adhered to and are strictly enforced. The proposed amendment may be acceptable from a socio-economic impact point of view should the community approve mitigation measures and the Applicant ensure that these mitigation measures be strictly adhered to. Mitigation measures as provided in this document are to be incorporated in the FBAR conducted by Greenmined Environmental."Condition of the S171 Road"Following the initial restoration of the S171 Road by Pure Source Sand Mine, the Applicant along with the neighboring mines should create a fund and take on responsibility for the upkeep of the road. The Applicant, along with relevant authorities, should ensure that speed limits are put in place and enforced. Adequate signage needs to be put in place.

19:46:43 From Renee Hartslief : Crossing points should be put in place for farmers crossing the road with livestock."

19:47:53 From Renee Hartslief : ECONOMIC IMPACT ASSESSMENT"Our recommendation is that DMR carefully consider how they will ensure the effective management of the cumulative impacts of sand mining in this and other areas along the Vaal River. To do this, it will be necessary to develop a regional perspective on the existing sand and gravel mines as well as the applications for mining rights, and develop a regulatory strategy that can manage the number of mines in each locality and the economic impacts on other economic activities. With respect to the current applications by Tja Naledi and Pure Source, the economic impacts of these mines on existing economic activities and the marginal economic situation for these mines, suggests that it would not be appropriate to approve these mining applications at this stage.

19:48:06 From Renee Hartslief : Alternatively, they could be approved subject to the mitigation measures recommended and included in their EMPs, if and when the mine's business financials are proven to be viable (given the broader market context) and can cover the cost of the mitigation measures that are needed to minimise the visual, noise, dust and traffic impacts. This may encourage the mining companies to look for sand mining opportunities in areas where the visual, noise, dust and traffic impacts are minor."

19:54:24 From Ganoherb Africa : Sonette is the SLP going to be discussed?>

20:06:11 From Renee Hartslief : These desirability elements are not relevant to Ngwathe. Not positive for the economy of the local area...

20:08:06 From Renee Hartslief : Could Sonette please place the 2-page Enviroworks summaries on screen?

20:13:54 From Renee Hartslief : Please can we look at the REALITY of what is happening not, Mark. These are pretty pictures but they are not the reality. The wedding venues and tourism destinations are CLOSING

20:17:19 From Selma Kok : Mobile plants.

20:20:02 From Ganoherb Africa : Hello Dr De Waal please recognise my hand

20:21:45 From David de Waal : Hi Rob - thanks, I will give you a chance ASAP

20:23:55 From David de Waal : Renee - I will give you a chance after BOB

20:24:01 From Selma Kok : Where can I find the completed studies on for instance fish life? It is not in Appedix F4.

20:24:22 From Renee Hartslief : The video clip and SEI and EI studies must be shown now please 🙏🙏

20:30:10 From Renee Hartslief : The end use will be after I am dead

20:31:52 From Renee Hartslief : But wedding venues are closing NOW because of the mines

20:35:18 From Renee Hartslief : Please may I speak before I lose connection again 🙏🙏

20:37:08 From Hanlie Stander : Apologies but I have to leave the meeting at this time - thank you for all the information and will check minutes and recording after the fact for the remainder. A good evening to you all.

20:37:43 From paulkg@vodamail.co.za : thank you all for a good meeting

20:43:11 From Selma Kok : Chair please may I have a response on my previous questions? Thank you.

21:00:21 From Renee Hartslief : Selma has her hand up

21:03:04 From Renee Hartslief : With respect the SLP should proceed the minivan right application

21:03:41 From Renee Hartslief : We understand that Sonette

21:06:50 From Renee Hartslief : The studies are different -SLP is different from SEI and EI studies

21:21:18 From Renee Hartslief : Well chaired, thank you

APPENDIX E17.6
MEETING MINUTES

RealTime Transcriptions

TRANSCRIPTION OF THE

PUBLIC PARTICIPATION MEETING

HELD AT

LINDEQUESDRIFT & BARRAGE INFORMAL SETTLEMENTS

HELD ON

21 APRIL 2021

PAGES 1 - 169

© REALTIME TRANSCRIPTIONS

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<p style="text-align: right;">Page 1</p> <p>1 [PROCEEDINGS ON 21 APRIL 2021] 2 [17:01] CHAIRPERSON: Alright. Morning 3 everybody, good afternoon everybody. Welcome to this 4 meeting. Just for the record we've already started at 1 5 past 5 according to my clock. Let me just first hear can 6 everybody hear me. 7 SPEAKER: Yes, I can. 8 CHAIRPERSON: Excellent, dankie Willy. 9 This meeting is to discuss the application and (inaudible) 10 environmental report that has been out for some 30 days or 11 so now. If you can give me the first slide. Alright 12 (inaudible) we have people from the (inaudible) and let me 13 start (inaudible) this meeting (inaudible) company called 14 (inaudible) Gold (inaudible) we're part of the (inaudible) 15 Group and my involvement in this (inaudible) I think it was 16 (inaudible) last Saturday and I was asked to facilitate 17 this meeting (inaudible) my only involvement (inaudible) 18 project I'm not involved in the assessment (inaudible) and 19 I have (inaudible) interest in the project (inaudible) my 20 job is (inaudible) meeting and everybody (inaudible) to 21 raise their points (inaudible) you have an applicant 22 (inaudible) that wants to (inaudible) then you have a set 23 of (inaudible) specialist (inaudible) a person always 24 (inaudible) for me the applicant (inaudible) my invoice 25 (inaudible) pays it (inaudible) the appropriate (inaudible)</p>	<p style="text-align: right;">Page 3</p> <p>1 switch off their microphones, thank you very much. Martin 2 Van der Berg. 3 SPEAKER: (inaudible) everybody my name 4 is (inaudible) I'm from a local company (inaudible) I've 5 been involved in this (inaudible) for quite a couple of 6 years (inaudible) rehabilitation and (inaudible) and 7 planning. Thank you. 8 CHAIRPERSON: Alright then we have 9 (inaudible). 10 SPEAKER: Yes, I'm here. I hope you can 11 hear me loud and clear (inaudible) South Africa, my name is 12 Russell (inaudible) I also have a lot of experience in 13 (inaudible) general (inaudible) biodiversity (inaudible) 14 that is my role on this project. 15 CHAIRPERSON: Thank you very much 16 (inaudible). 17 FEMALE SPEAKER: No I'm standing in for 18 Nick (inaudible) air quality at (inaudible) company called 19 (inaudible) I did (inaudible) study my colleague 20 (inaudible) air (inaudible) today so I will be addressing 21 (inaudible) comment or concerns regarding (inaudible). 22 CHAIRPERSON: You are welcome, thank you 23 very much. Deon, Mr Deon Maritz from (inaudible) line. 24 FEMALE SPEAKER: I don't recall seeing 25 him on the list at the moment.</p>
<p style="text-align: right;">Page 2</p> <p>1 applicant has to appoint an independent consultant and he 2 has to pay for them and that is why we (inaudible) for the 3 specialist side and Sonette are we going to read the names 4 (inaudible) everybody going to introduce themselves. 5 MS SMIT: Everyone can introduce 6 themselves. 7 CHAIRPERSON: (inaudible) start please. 8 SPEAKER: Thank you Mr Chair. I'm the 9 managing director of a (inaudible) we've been doing health 10 (inaudible) internationally for many years. My colleague 11 was intimately involved in this (inaudible) South Africa. 12 I'm registered as an environmental (inaudible) in the 13 United States of America (inaudible) also supported by 14 (inaudible) global environmental health (inaudible) thank 15 you. 16 CHAIRPERSON: Thank you Buddy. Then we 17 have (inaudible). 18 SPEAKER: Good afternoon (inaudible). 19 SPEAKER: Sorry (inaudible) I wonder if 20 we could if we could ask everybody who's not speaking to 21 turn off their microphones (inaudible). 22 CHAIRPERSON: Alright, there's a request 23 for everybody not speaking to turn off their microphones 24 (inaudible) good and solid request. Thanks for making the 25 request (inaudible) everybody not speaking would please</p>	<p style="text-align: right;">Page 4</p> <p>1 CHAIRPERSON: Alright let me come 2 (inaudible) ask to introduce himself. 3 FEMALE SPEAKER: Thank you. 4 CHAIRPERSON: Then Mr Marius Meintjies 5 (inaudible) Marius I hope you're online. 6 MR MEINTJIES: Yes, yes (inaudible) 7 online, I'm Marius Meintjies (inaudible) and for analysing 8 (inaudible). 9 CHAIRPERSON: Alright. Next up we have 10 Sonette, she's actually the first (inaudible) but it's your 11 turn now. 12 FEMALE SPEAKER: I'm Sonette, I'm 13 representing (inaudible) environmental assessment 14 practitioner on the project. 15 CHAIRPERSON: Then we have (inaudible) 16 also (inaudible). 17 FEMALE SPEAKER: I am, good afternoon 18 (inaudible) consultant that works for (inaudible) 19 environmental (inaudible) Sonette's support staff. 20 CHAIRPERSON: Thank you and then we have 21 (inaudible) also (inaudible) environmental (inaudible) on. 22 FEMALE SPEAKER: I believe she's having 23 connectivity problems (inaudible) might also join us 24 (inaudible) and she was responsibility for the (inaudible) 25 participation communication.</p>

<p style="text-align: right;">Page 5</p> <p>1 CHAIRPERSON: Excellent. Then we have 2 the applicant's team (inaudible) company (inaudible) that 3 was (inaudible) and in the (inaudible) participation and it 4 goes (inaudible) mining rights (inaudible) and this case we 5 have (inaudible) land owner which is not (inaudible) going 6 to start without further ado and (inaudible) introduce 7 yourself.</p> <p>8 SPEAKER: Thank you (inaudible) good 9 afternoon ladies and gentlemen, I'm the managing director 10 of the applicant (inaudible) Monte Cristo Commercial Park 11 (Pty) Limited (inaudible) to M CCP, thank you for your 12 (inaudible).</p> <p>13 CHAIRPERSON: Alright then we have Mr 14 Michael (inaudible) who's the financial manager. Mike if 15 you would?</p> <p>16 SPEAKER: (inaudible) at this time 17 (inaudible) little later.</p> <p>18 CHAIRPERSON: Alright. Thank you 19 (inaudible).</p> <p>20 SPEAKER: (inaudible) en ek is die groep 21 (inaudible) bestuurder van Monte Cristo Commercial Park.</p> <p>22 CHAIRPERSON: And then we have 23 (inaudible).</p> <p>24 MR ROUX: Good evening everybody my name 25 is Peter Roux I am an attorney employed by (inaudible) we</p>	<p style="text-align: right;">Page 7</p> <p>1 like (inaudible) ask questions on a particular (inaudible) 2 but then the question must relate to that section 3 (inaudible) discuss the (inaudible) and then I will 4 (inaudible) but only (inaudible) and have the (inaudible) 5 any other questions whereas (inaudible) like to have 6 (inaudible) comments at the end of the agenda. Any 7 feedback, thoughts on that approach?</p> <p>8 SPEAKER: My hand was up Mr Chair. 9 CHAIRPERSON: (inaudible).</p> <p>10 SPEAKER: If at all Mr Chair, if you 11 could deal with (inaudible) because I would like 12 (inaudible) at that time (inaudible) out of order.</p> <p>13 CHAIRPERSON: I am quite happy that we 14 (inaudible) the meeting and the (inaudible) slot in health 15 as soon as that. Sonette would that be possible.</p> <p>16 MS SMIT: It's a 100% (inaudible). 17 CHAIRPERSON: Alright so the fourth point 18 is (inaudible) background (inaudible) first presentation 19 (inaudible) aspects. I still haven't heard from any 20 (inaudible) approach on the agenda (inaudible).</p> <p>21 MS SMIT: Mr Chair we've got (inaudible) 22 hand up again.</p> <p>23 SPEAKER: (inaudible) make a suggestion 24 (inaudible) you slot (inaudible) before the health 25 (inaudible) that's a logical sequence thank you.</p>
<p style="text-align: right;">Page 6</p> <p>1 are the attorneys of record (inaudible) for the applicant 2 in this matter.</p> <p>3 CHAIRPERSON: Alright. That brings us 4 then (inaudible) agenda and (inaudible) the previous 5 meeting there was lots of (inaudible) issues about the 6 agenda and the length of the agenda does not (inaudible) 7 many of them are touched (inaudible) brief manner and the 8 presentation (inaudible) previous meeting there was some 9 (inaudible) length of the meeting but (inaudible) realised 10 the bulk of the time (inaudible) we had (inaudible) 11 questions and so (inaudible) it is my (inaudible) questions 12 (inaudible) X amount of (inaudible) the time (inaudible) a 13 run over (inaudible) very brief, this is a summary of 14 (inaudible) discuss (inaudible) it's purely to emphasise 15 some of the (inaudible) issues, it's not supposed 16 (inaudible) report has been available to the public. So 17 myself (inaudible) the first time (inaudible) the agenda 18 (inaudible) meeting and then (inaudible) background and 19 then the legal requirements (inaudible) process (inaudible) 20 scope (inaudible) and then the (inaudible) discussion 21 (inaudible) then there will be (inaudible) very short 22 discussion (inaudible) or a short presentation (inaudible) 23 and then (inaudible) now the (inaudible) questions is 24 (inaudible) we would like to suggest (inaudible) keep our 25 questions until (inaudible) request that (inaudible) would</p>	<p style="text-align: right;">Page 8</p> <p>1 CHAIRPERSON: Alright we can do that. 2 Sonette if it's okay with you?</p> <p>3 MS SMIT: Yes, yes okay.</p> <p>4 CHAIRPERSON: I haven't heard from any 5 participants (inaudible) so (inaudible) heard that 6 (inaudible) feedback from some of the (inaudible) your hand 7 is up (inaudible) fine by me (inaudible) hand is still up.</p> <p>8 SPEAKER: (inaudible) my company name 9 good evening to everybody (inaudible) because we didn't get 10 an agenda it's hard to know what it covered (inaudible) in 11 the (inaudible) document, I'm not sure which document 12 (inaudible) because there are so many documents you three, 13 there's a mining work programme, as I say there's this 451 14 page (inaudible) draft environmental impact so if we could 15 just have some clarity on what we're going to through in 16 the next few hours please.</p> <p>17 CHAIRPERSON: (inaudible) your name is 18 Rob,.</p> <p>19 SPEAKER: Bob, BOB.</p> <p>20 CHAIRPERSON: Bob, my apologies, Bob I 21 think it's a fair question (inaudible) what are we 22 discussing?</p> <p>23 FEMALE SPEAKER: Okay I'm (inaudible) we 24 have got a (inaudible) done up to date and then (inaudible) 25 how the (inaudible) exactly (inaudible) going to be done</p>

<p style="text-align: right;">Page 9</p> <p>1 (inaudible) application in future, we are not going to 2 discuss any (inaudible) in the (inaudible) draft 3 environmental impact (inaudible) assessment report we are 4 discussing the mining process and everything in all 5 (inaudible) that regard. 6 CHAIRPERSON: Alright. 7 MS SMIT: We've got a hand. 8 CHAIRPERSON: Which I can't see, Bob is 9 it still your hand or – 10 SPEAKER: (inaudible) obviously we're not 11 (inaudible) experts in this (inaudible) none of us. But 12 Sonette's saying to us that we're (inaudible) socio- 13 economic impacts, we're not going to be discussing 14 (inaudible) labour plan, I'm not sure (inaudible) 451 page 15 document are we going to walk through every (inaudible) 16 skip over some sections. 17 CHAIRPERSON: No, the expectation I think 18 is the document (inaudible) for review and comment 19 (inaudible) over the last (inaudible) discussion of 20 (inaudible) aspects that has (inaudible) deal with the 21 environmental (inaudible) for the application and Sonette 22 is that correct? 23 FEMALE SPEAKER: Yews that is (inaudible) 24 correct and maybe (inaudible) explain the public 25 participation (inaudible) purely to give (inaudible)</p>	<p style="text-align: right;">Page 11</p> <p>1 CHAIRPERSON: Of course, of course and 2 (inaudible) hand okay continue. 3 FEMALE SPEAKER: The commenting period 4 was a from the (inaudible) 19th of April (inaudible) that 5 was the period in which (inaudible) that comments 6 (inaudible) that comments were submitted (inaudible) 7 comments that (inaudible) or can still be submitted to us. 8 CHAIRPERSON: Alright. 9 FEMALE SPEAKER: But that will come in a 10 later (inaudible) the process. 11 CHAIRPERSON: Alright so – 12 [17:21] MR GADE: If I might (inaudible) jump in 13 here. I mean again this seems to me, I don't know what the 14 correct word is, (inaudible) we're hearing from the 15 (inaudible) tonight the 21st and we've got to get our 16 experts to evaluate and work with your experts and present 17 this report because we're not experts in these areas. So 18 you're giving us what, 24 hours to comment on something 19 that's going to affect our lives for the next 30 years. Is 20 that what you're saying, Sonette? 21 CHAIRPERSON: No. Let me respond. I 22 think there's misconception here. A report goes out. The 23 report has detail and then sub-reports and ascendancy 24 reports, all the specialist reports that are in the main 25 report. I'm not talking on behalf of Sonette. It's a</p>
<p style="text-align: right;">Page 10</p> <p>1 opportunity for the (inaudible) to voice of their concerns 2 while we're going through these documentation. That is why 3 we can't, there's no way we can have every (inaudible) 4 documents that sent out (inaudible) public participation 5 (inaudible) going to take a very long time (inaudible) the 6 public participation meeting (inaudible) from (inaudible) 7 documents (inaudible) comment. This is not a final 8 (inaudible) on public participation meeting. You have to 9 go (inaudible) document own time, there's no way 10 (inaudible) have a meeting and (inaudible) every point. 11 CHAIRPERSON: Also (inaudible) purpose of 12 this meeting (inaudible). 13 FEMALE SPEAKER: (inaudible). 14 CHAIRPERSON: Bob your hand is up. 15 SPEAKER: Okay (inaudible) argumentative, 16 its (inaudible) we all have a wrong understanding, we're 17 obviously worried about the things that are going to impact 18 (inaudible) noise levels as an example. But clearly we 19 would like to (inaudible) engage a noise level expert 20 (inaudible) to consider what all (inaudible) so the 21 question I then have (inaudible) period end (inaudible) 22 because I see (inaudible) one of these documents you 23 (inaudible) is that correct. 24 FEMALE SPEAKER: Ja, the (inaudible) 25 sorry Mr Chair, can I speak?</p>	<p style="text-align: right;">Page 12</p> <p>1 process which I'm well au fait with. It gets included on a 2 major scale (inaudible) on that. And so all the detailed 3 findings, all the detailed conclusions, there's a 4 methodology that's used that are all present in that 5 report. The reason for today's discussion means that there 6 are questions or concerns for clarity or whatever issues 7 you may want to raise regarding – you may raise that today. 8 It's not the purpose of today's meeting to discuss the 9 project. The first test report has been available for some 10 time. So the issue about today, may be the only time that 11 you have to (inaudible) to furnish your comments, that 12 perception is incorrect and secondly the timeframes – the 13 new period frames and so forth for projects of this nature 14 are defined by the regulations. It's not (inaudible). 15 Bob, I'm sure you'd like to respond to that. 16 BOB: You know, I'm sorry if this sounds 17 like I don't want to get on with these reports, but today I 18 consulted with Jatara and Jatara would like to hear 19 specifically on the traffic report. We've engaged another 20 well-known organisation. You obviously we're obviously 21 looking for assistance to guide us in terms of what we're 22 hoping to hear from the mine experts. Now I can read these 23 documents and they can say whatever they say. I have no 24 idea what they mean. I have no idea what noise decibels 25 should be allowed in terms of the noise allowed and all the</p>

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1 various Acts and all these various things. And none of – I
 2 would suggest no-one else on this group knows that. I
 3 guess we were all hoping that we'd get an opportunity to
 4 hear from the relevant people and then we could go to the
 5 likes of Jatara and whatever and environmental works and
 6 get them to come on board to assist us. It seems like
 7 we're not going to be able to be given a timeframe and it
 8 seems that we are at fault because we didn't perhaps
 9 understand the process (inaudible).
 10 CHAIRPERSON: Well, Bob, I understand
 11 your frustration. I want to give you (inaudible) for a
 12 half a day. Jeez. That would – may be a decision. The
 13 intention of the regulatory report is for public review.
 14 In other words so the regulator would get 30 days now to do
 15 that. It's not the purpose of the days. You provide
 16 information in regard to your own specialists. Obviously
 17 you're allowed to do that. However what the purpose of the
 18 certain days is if you have any questions and so forth you
 19 can ask them to provide maybe one specialist to respond to
 20 his own questions. Bob, I'm going to come back to you.
 21 I'm going to go to Warren (inaudible). Let's proceed. I'm
 22 sorry. I'm taking up too much time. I'm taking up too
 23 much time. Sorry.
 24 CHAIRPERSON: All right. Warren, your
 25 hand has been up.

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1 WARREN: Hi. Good evening everyone. I
 2 just want to know about the socio-economic (inaudible).
 3 That is probably something that's a bit more frustrating
 4 than anything else and I believe it's been excluded from
 5 the presentation and I believe particularly the reasons or
 6 – the previous weekend Mark gave us a presentation of what
 7 the advantages of it is. There is a (inaudible) from
 8 previously. We've addressed numerous concerns on how it
 9 affects the local business, the local communities, the
 10 local landowners and this has enormous impact. As much as
 11 the air impacts and the sound impacts. I'm very pleased
 12 that it's Green Mine that is actually doing this on behalf
 13 of the mine because they were the same consultants that did
 14 it for Tanaladi and we presented our same objections in
 15 that meeting. The other night I said there was the Vaal
 16 River – Regional Vaal River Framework – I forget what it
 17 is. [Indistinct]. Sonette said she hadn't heard of it.
 18 But in our objection to Tanaladi it was highlighted in red,
 19 that whole tender. So she certainly knows about it and
 20 it's very concerning that as an EA consultant you are not
 21 addressing the cumulative effect and that cumulative effect
 22 of the three mines is also addressed in the constitution.
 23 So there's no ways you can get around this. The socio-
 24 economic is of vital importance. I think any questions
 25 that arise in connection with this must be addressed

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1 tonight. Thank you.
 2 CHAIRPERSON: I think it's a valid
 3 question. Well, forgive me, I'm not making a value
 4 judgment. Sonette, will you please – it's not for me to
 5 say whether a question is valid or not. Rene, I've got
 6 your hand. I mis-spoke there but good question. Sonette,
 7 would you like to just respond to that before we move on
 8 and then I'll give Rene a chance as well. About -
 9 MS SMIT: Yes.
 10 CHAIRPERSON: This is about the
 11 cumulative impact and about the socio-economic implications
 12 of the proposed –
 13 MS SMIT: Yes. I would like not to
 14 confuse two projects with each other. I understand why you
 15 are referring to that because it was in the area, but if I
 16 can just correct you, I was not the EAP on that project.
 17 It was still Green Mine but it was not me. And then the
 18 socio-economic impact that needs to be addressed, that – if
 19 I can just rephrase this. We are not addressing comments
 20 in a public participation meeting. Comments needs to be
 21 submitted to us in order for that to be addressed. So even
 22 if there's phrases used, documents that's too large. If
 23 there's anything that an IAP feel that they need address or
 24 they need extra information on, that is why we've got a 30
 25 day period so the comments can come in and we can address

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1 that. That's also being addressed by the same people that
 2 written the documents and the specialists on the team. So
 3 the specialist team are the people answering the questions
 4 or the concerns. So it doesn't need to be addressed in a
 5 specific meeting because I can't guarantee that everyone at
 6 the meetings concerns are going to be addressed in any
 7 meeting. So if we can just –
 8 CHAIRPERSON: Sonette, I have to come in
 9 on an angle here. The public can ask questions at this
 10 meeting regarding the issues that they experience. For
 11 example a question about the cumulative impacts and either
 12 – or the socio-economic impacts. The fact that they ask
 13 the question in this meeting means that this meeting was
 14 one way or the other – in other words the specialist team
 15 must respond to that question. So I don't want to create
 16 the impression that some questions would – I know, Sonette,
 17 this is not what you're saying, but I'm just making sure.
 18 Questions that you ask today that are relevant to this
 19 project are allowed and they should be allowed and should
 20 be recorded and must be addressed one way or the other or
 21 responded to in one way or the other as a question posed at
 22 this meeting.
 23 MS SMIT: That is hundred percent
 24 correct. What I'm trying to say is it's not necessarily
 25 that you're going to find answers to all your questions in

<p style="text-align: right;">Page 17</p> <p>1 this specific meeting, but the concerns – we are still 2 taking in all the concerns and it will be addressed, 3 whether it's in this meeting or whether it's in writing. 4 So you don't have to – an IAP don't have to wait for a 5 public participation meeting to voice concerns. That is 6 what the 30 day period is for. Is that clearer? 7 CHAIRPERSON: All right. Let me 8 summarise this. Sonette says that you have – there's been 9 a 30 day comment period. You can raise comments throughout 10 this period and if you have questions and comments in 11 today's meeting obviously you are welcome to raise them and 12 they'll be responded to in one way or the other and if they 13 can't be responded to here they'll be responded to in 14 writing. All right. Rene. 15 RENE: Good evening. Thank you. I just 16 don't want to go back to – this is a public participation 17 meeting, not a public presentation and I'm going to leave 18 it at that because I've said this before. My question 19 actually is where are the minutes of Saturday's meetings? 20 There was the one that was held for us that was to be a 21 physical meeting which failed and then there was one that 22 we were called to with about an hour's notice – a virtual 23 meeting, which I attended most of it on my phone and that 24 was a very good meeting and there was a lot of interaction 25 with the public and there were many points brought up</p>	<p style="text-align: right;">Page 19</p> <p>1 involved, but it has to happen, Rene. Sonette, if you can 2 address – 3 RENE: Thank you. I do understand that. 4 It's – sorry. It's just that you know tomorrow is the 5 closing and so we won't have had sight of those minutes to 6 be able to comment on them. 7 CHAIRPERSON: Okay. Let me respond to 8 that as well. And again I'm not – what I'm talking about 9 now is purely regulatory. I'm not responding on behalf of 10 the EAP or even in terms of them and I'll ask Sonette to 11 give the final word. This is the difficulty that we've had 12 with mining rights applications. A few years ago as you 13 guys may well remember there were much longer comment and 14 response periods and the (inaudible) engagement periods 15 went on for longer – projects took longer and then when the 16 new regulations came out I think a year or two years ago 17 many of these processes were shortened and set by you know 18 as 30 days and this the following. But what – in this case 19 any comments you have, the minutes have to go out to you. 20 They have to go out. Any comments that you have on the 21 minutes or any additional issues that you want to raise or 22 anything that you want to say, even if it's after the 23 official closure of the comment period, those comments will 24 be sent – not will be, must be sent by the environmental 25 assessment practitioner directly to the department so they</p>
<p style="text-align: right;">Page 18</p> <p>1 there, but I would have expected it to have been presented 2 to us as the minutes for this meeting, but that was not the 3 case. Sonette decided to attach the minutes of some other 4 meeting where I think there were seven people in 5 attendance. So I – my concern is that we had a previous 6 meeting. There were questions asked. We were 7 participating and I would like to see those minutes and 8 make sure that they're going to be included in your final 9 report. Thank you. 10 CHAIRPERSON: All right. I've just got 11 to say something in all fairness here. It's very unlikely 12 that that minutes will be presented and finalised within a 13 day or two of a previous meeting. PAJA, the Public 14 Administration Justice Act sort of, it doesn't say this as 15 rule but sort of the norm is about ten working days and 16 regarding – so you may well receive the minutes soon. 17 Regarding the – but I'm going to ask Sonette to respond as 18 well. Regarding the attendance of the – or the attachment 19 of the minutes to the report, that is not something that 20 the EAP can choose on. That's a regulatory requirement. 21 It has to happen. What is important is that the minutes do 22 get out to yourselves that you can have a look at the 23 minutes and give your feedback on the minutes. That is 24 something that's quite important. It's unlikely that it 25 will happen in a two days period because the volume of work</p>	<p style="text-align: right;">Page 20</p> <p>1 may not form part of the attachment of the report but they 2 will be submitted as a stand-alone, each one of them as a 3 stand-alone comment or a document or an observation, 4 whichever way you've put them to the department. So the 5 department will have cognisance of those comments as well. 6 Rene, I've got to give you a chance to respond to that and 7 then I'm going to take it back to Sonette. 8 RENE: That's fine. That's as good as we 9 can do and I thank you for trying to clarify that. So when 10 Sonette responds I'd just like to know exactly when the 11 minutes will be released and so that we can know when we 12 can comment on them. Thank you. 13 CHAIRPERSON: Okay. Sonette, if you 14 disagree with my comments you're welcome. I just tried to 15 give a general background but the final answer is yours if 16 you would. 17 MS SMIT: No, that's fine. You did very 18 well. It's just we have to submit on our final report we 19 can't leave anything out. So, Rene, to answer your 20 question, we will definitely send out the minutes as soon 21 as that's received. I really honestly hope that we'll get 22 it by tomorrow morning and if we get it by tomorrow 23 morning, as soon as I get it I will send it out and so 24 hopefully you will still have them. I will do my best that 25 you have it before the end of the closing period for the</p>

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1 public participation. But just bear in mind our initial
 2 public participation – this public participation advertised
 3 for this project was already on the 10th of April and
 4 because of some – lots of comments received we've moved it
 5 on and we've added additional meetings. So our initial
 6 meeting, the public participation meeting on the 10th of
 7 April was the meeting. So that was also planned well in
 8 advance and it was planned early in the commenting period.
 9 These meetings are additional meetings to that. So lots of
 10 IAPs couldn't attend on the 10th and I do understand that
 11 but just keep in mind that the other meetings was planned
 12 by the comments that we received and that's why it's been
 13 added up to now. So we didn't wait for the public meeting
 14 up to the end of the process. If we can just clarify that.
 15 But as soon as I receive any of the information it will go
 16 out and even if anything fails and I get it by the end of
 17 the public participation period it still needs to go into
 18 the final report. There's – we can't submit without.
 19 CHAIRPERSON: All right. I'd like us to
 20 move on. Are there any hands that I cannot see, Sonette.
 21 MS SMIT: Not that I see, no. I just
 22 want to see. There's three chats in the chat box. I just
 23 want to – but if you don't mind we can get to that at the
 24 end.
 25 CHAIRPERSON: All right. We can do that.

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1 All right. Then next slide please.
 2 MS SMIT: Okay. Oops. Sorry.
 3 CHAIRPERSON: I think the next slide –
 4 this slide – yes, that was very superfluous because so far
 5 the meeting has gone exactly as we asked, same as I asked
 6 the previous time just to have an old-fashioned structured
 7 meeting. We work via the chairperson. Everybody gets a
 8 fair chance and one speaker at a time and so forth. So the
 9 reason why – somebody asked me earlier after a meeting why
 10 do we have to work via the chairperson? Why cannot it be
 11 an active debate and there are quite several reasons for
 12 that. It makes the minute-taking easier and it gives me an
 13 opportunity to group issues together that we talk about
 14 apples and apples and pears and pears at a particular time
 15 and also if people get – you sometimes do have people
 16 wanting to say the same thing at the same time as we have
 17 in all discussions so it's just a mechanism to make the
 18 discussion more structured. It's not as my wife sometimes
 19 accuses me because I have alpha male needs. It is purely a
 20 mechanism to make the meeting flow better and also it
 21 enables that the opportunity for the issues to be recorded
 22 properly and then report for – that goes the minutes. Now
 23 I assure you that I'll give everybody a fair chance. That
 24 is why we're here and so all I'm asking for is an old-
 25 fashioned meeting like we've had so far and the previous

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1 virtual meeting we had I think was as far as I'm concerned
 2 was a very structured and a very constructive meeting where
 3 people got a fair chance and people kept to having an old-
 4 fashioned discussion where people give one another chance
 5 and the reason for that is two-fold. Everybody has the
 6 right to say something and to me it's not important whether
 7 somebody agrees with you or disagrees with you. Both
 8 viewpoints are valid. The fact that somebody disagrees
 9 with me does not make them a hooligan and my job is to make
 10 sure that all viewpoints, wherever they come from and
 11 whatever value judgment they may hold gets fair chance to
 12 be raised and to be responded to. Shall we do the same for
 13 this meeting as we've done up till now? I officially now
 14 need at least one or two yay's or one or two nays.
 15 MR VAN WYK: Aye.
 16 CHAIRPERSON: All right. And then
 17 somebody from the public side.
 18 MS SMIT: Warren says it's right.
 19 CHAIRPERSON: All right. Let us then
 20 continue. Now I want to say something before you start on
 21 the next presentation, Sonette. If you can just go to the
 22 next slide. At the previous meeting I had (inaudible) that
 23 we went into – you know there are many slides in a
 24 presentation. That creates the impression that this is
 25 such a huge bulk of a presentation. I'll please ask the

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1 specialists to give us a functional summary. A functional
 2 summary means tell us what are the core issues raised and
 3 the important things you've raised. I wouldn't like as we
 4 sometimes do see in meetings that people read the
 5 presentation word by word to the public. We can all read
 6 ourselves and I would like to have sufficient time
 7 available to take questions at the end. The previous
 8 meeting right towards the end one or two gentlemen – or one
 9 or two people, not necessarily males only, had to leave and
 10 I would not like that scenario tonight. I would like
 11 everybody to get a fair chance. So my focus is stronger on
 12 allowing time for the questions. So presenters, please
 13 just consider that and I'm not saying don't rush over it
 14 and don't make your point, but make the salient points that
 15 you have to make. But I would like to have sufficient time
 16 for questions and comments. Thank you. Sonette, I think
 17 you're up next.
 18 MS SMIT: Thank you. Okay. So the
 19 purpose of the meeting is to obtain comments and response
 20 on the draft environmental impact assessment report.
 21 [17:41] That is the main environmental impact assessment
 22 report. That is the main purpose. The VDLC Group
 23 appointed Shanga Solutions as the environmental
 24 practitioner to manage up to the mining right application.
 25 Greenmile was only appointed to continue the process from

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1 the draft environmental impact assessment report onwards.
 2 Therefore all the information that we've used in our
 3 documentation was based on the approved final scoping
 4 report. In the scoping and environmental impact assessment
 5 report process we are currently on the draft environmental
 6 impact assessment phase and it was, the public period was
 7 from, public commenting period was from the 19th of March to
 8 the 22nd of April Goose Bay submitted an application for a
 9 mining right and that was, the initial mining right was
 10 withdrawn, a second mining right or a new mining right was
 11 submitted on the 24th of August 2018. So this is still the
 12 same application that's been, that started on the 24th of
 13 August. The final scoping report was submitted to DMRE
 14 approved on the 7th of February 2019. Extension was given
 15 to the applicant due to the national state of disaster and
 16 the final extension period was approved that the final
 17 document can be submitted to DMRE on the 26th of April 2021.
 18 That's just legislation. Okay the public commenting or the
 19 public participation process initial commenting
 20 notifications went out on the 19th of March 2021, there was
 21 site notices placed, there was newspapers advertisements
 22 placed as well as everyone on the registered list that
 23 registered with an application was contacted in this
 24 regard. The commenting period is ending the 30 day
 25 commenting period is ending on the 22nd of April 2021.

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1 The final document was made available on
 2 Greenmile's website (inaudible) downloaded from the website
 3 as well as the hardcopies that was made available for the,
 4 in the area at those following locations. Initial public
 5 participation meeting, sorry. I've just let Renee in again
 6 sorry. The initial public participation meeting was
 7 scheduled for the 10th of April 2021. Then we received
 8 several requests that the focus group of the Sweet
 9 Sensation Public Participation were also scheduled on the
 10 10th of April, therefore we've accommodated for a second
 11 additional public participation meeting. That was held on
 12 Saturday the 17th of April. Furthermore an additional
 13 meeting will be held on the 24th of April for the people
 14 that does not have access to Wi-Fi or computers. That will
 15 be held in the rural, the informal settlement and in
 16 Barrage and Lindeque structure. Yes. Thank you. Mr
 17 Chair?
 18 CHAIRPERSON: I'm happily yapping along
 19 to myself here, at huge speed and with great gusto, please
 20 accept my apologies. I shrink this is about the time where
 21 we're going to ask Das and then Dr Van Niekerk to quickly
 22 come in Sonette if I remember correctly.
 23 MS SMIT: Yes, you can.
 24 CHAIRPERSON: Okay first off then would
 25 be, the dust would be by Airshed I believe and then

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1 thereafter we should have Dr Willie Van Niekerk. Het ek
 2 dit reg mense?
 3 MS SMIT: Ja, Chair, that is part of the
 4 questions. The specialist comes in at the end where there
 5 was issues raised. So I would propose that if there's
 6 anyone in the meeting today having questions regarding the
 7 health impact on the dust, that they can raise it now
 8 because there's not a specific slide for that, that's part
 9 of the concerns that we received.
 10 CHAIRPERSON: Alright. Willie asked that
 11 dust be done as an integral part before he speak Willie
 12 advise me how to go about this.
 13 SPEAKER: Chair, I think you must give
 14 Renee Von Groenewald an opportunity just to tell how they
 15 do the source terms and the modelling and mitigation
 16 because those are the important things. Thank you.
 17 CHAIRPERSON: Thank you for that. Renee
 18 are you ready, are you up for this? Renee Von Groenewald?
 19 MS VON GRUENEWALDT: Ja. Sure.
 20 CHAIRPERSON: You've got the floor Renee.
 21 MS VON GRUENEWALDT: I don't have any
 22 slides to present but I will just talk if everyone is happy
 23 with that.
 24 CHAIRPERSON: Please continue.
 25 MS VON GRUENEWALDT: So basically for an

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1 air quality impact assessment the stages that we would go
 2 through is having a look at the operations, the general
 3 operations from the proposed projects. The impacts would
 4 then be or the emission that actually be quantified by
 5 means of internationally accepted emission factors such as
 6 the national pollutants inventory which is published by the
 7 Australian guidelines and as well as the American
 8 environmental protection agency emission factors. So from
 9 there what we would do is we look at the metrological data
 10 for the area, we look at three years of metrological data
 11 and we feed this into mathematical (inaudible) models. For
 12 this study what was used was the (inaudible) model and from
 13 there we can understand what the potential impacts are from
 14 the process. So from that I mean I don't have the slides
 15 in front of me, I don't know if Sonette has some of the
 16 impacts, but basically the impact shows that there was a
 17 potential to exceed at (inaudible) in terms of PM10 which
 18 is the inhalable (inaudible) of 10 micrometre in diameter.
 19 I don't know how much more detail I need to go into. If
 20 there's any specific questions I can try to address those.
 21 CHAIRPERSON: alright there was a
 22 question by Paul, which I'll take in a second, the question
 23 was Sonette if read the question about the sources before I
 24 go to Willie, about, the, spoke about the standards in
 25 America and Australia are there any other standards that we

<p style="text-align: right;">Page 29</p> <p>1 apply to? Willie maybe you can respond to that, I see your 2 hand is up.</p> <p>3 DR VAN NIEKERK: Not particularly that 4 question Mr Chair, but I think an important point to raise 5 here is that there will be mitigation, dust mitigation done 6 in, throughout the whole process and the mitigation 7 measures and Sonette should confirm that, the mitigation 8 measures will be written into the, is it the mining licence 9 whatever, now we conducted our health risk assessment on 10 mitigated scenarios. That is what was given to us so maybe 11 Sonette can support that.</p> <p>12 CHAIRPERSON: Alright. Sonette if you 13 would?</p> <p>14 MS SMIT: Yes, all the mitigation 15 measures becomes the conditions at the end and should there 16 be approval then those conditions written in the 17 environmental management programme will become the 18 mitigation measures would be the conditions that the mine 19 will have to –</p> <p>20 CHAIRPERSON: If I could add to that, 21 these conditions become regulatory enforceable, in other 22 words it becomes a requirement that the mine has to comply 23 with. So all the mitigation measures in processes that 24 they make whatever they may be actually has to be, it forms 25 part of the conditions of the permit according to which the</p>	<p style="text-align: right;">Page 31</p> <p>1 Van Groenewald just told us briefly about the standards and 2 how they go about the process, Willie is going to give 3 feedback on the health impacts and the major issue I 4 suspect is dust and the size of 10 microns and related and 5 Willie said that his assessment is based on that particular 6 set of dust mitigation measures would be implemented and I 7 thought to myself that if Willie to give more substance to 8 Willie's results that if you could just indicate to us very 9 briefly what type of dust mitigation measures would take 10 place because that would put Willie's feedback in 11 perspective.</p> <p>12 MR VAN ZYL: Okay I can only talk on the 13 dust mitigation that involvements the rehabilitation for 14 this specific topic and what and I've actually written 15 quite a bit this morning from one of the responses for the 16 similar questions previously at the previous meeting. So 17 in terms of dust mitigation at the actual mining pits, 18 we've now gone through the method or explained method of 19 roll over mining which try and keeps the active mining 20 areas small as possible and we get to that a bit later. 21 But the actual mining area is quite small and you would 22 then rehabilitate as you carry on, so the area of 23 disturbance should be maintained very small, and only where 24 you actual mine and then the area would be rehabilitated 25 behind that and there's also a long section discussing how</p>
<p style="text-align: right;">Page 30</p> <p>1 mine or the mining operation must then work. Willie so 2 it's confirmed that you're assessment was done on the 3 mitigated measures, the mitigation measures maybe Renee, 4 sorry I'm not sure who could just quickly, Willie says 5 we're going discuss the, sorry Willie, I'm on first name 6 terms because I know Dr Van Niekerk (inaudible) about 30 7 years now forgive me, I'm not trying to be familiar. But 8 if Sonette, somebody in your team can just quickly maybe 9 talk us through to what would the typical dust mitigation 10 measures be because that would then make Dr Van Niekerk's 11 comment that his assessment was done in terms of, in other 12 words with the mitigation in place it would give some 13 background to that. If somebody could maybe just, I'm not 14 sure in your team could just tell us more or less what the 15 dust mitigation measures would entail?</p> <p>16 MS SMIT: I think Mader would be the 17 correct person to answer that question, as part of the 18 mining process.</p> <p>19 CHAIRPERSON: Mader we're going, we're 20 going away out of the schedule now because of the change in 21 the agenda, so sorry for putting this, if you would quickly 22 help us out please.</p> <p>23 MR VAN ZYL: Sorry could you please 24 repeat that question, I missed a couple of words.</p> <p>25 CHAIRPERSON: The question is that Renee</p>	<p style="text-align: right;">Page 32</p> <p>1 dust from those rehabilitated areas will be mitigated and 2 for instance by cutting or collecting grass cuttings from 3 the unmined areas and spreading that over the disturbed 4 areas has many benefits including dust management. So 5 that's in a nut shell just how that would be managed and no 6 other dust sources would originate from the plant itself 7 and I'm not sure if Robert can give a better answer on 8 that, but that's a little bit out of my scope 9 unfortunately.</p> <p>10 CHAIRPERSON: Renee I see your hand is 11 up, maybe you can help us out here.</p> <p>12 MS VON GRUENEWALDT: You know I am now 13 (inaudible) emission limits that we used for the impact 14 assessment but in terms of legislation, we also, the impact 15 is also it's, we look at it in terms of the national air 16 quality standards. So those impacts need to be in line 17 with the national ambient air quality standards that are in 18 place and we also need to be in line with minimum emission 19 standards. The reason I'm speaking about minimum emission 20 standards is because in the plant operations there will be 21 a dryer, so mitigation measures have to be implemented in 22 order to meet those emission standards for the dryer which 23 is under subcategory 5.2 under the list of activities and 24 some mitigation measures that we have recommended through 25 the actual impact assessment have included watering of</p>

<p style="text-align: right;">Page 33</p> <p>1 roads to limit the dust when the vehicles are travelling 2 over it to vehicle (inaudible) also watering in areas where 3 there's crushing activities and then implementing buffer 4 zones so that very dusty sources are just kept away from 5 the (inaudible) as far as possible. I'm just trying to 6 think if there's anything else. Ja oh and then reducing 7 drop heights of course, that will also reduce your dust 8 impacts from the actual operations. 9 CHAIRPERSON: Alright. Dr Van Niekerk I 10 suspect this gives you enough ease into your presentation I 11 hope. 12 DR VAN NIEKERK: Mr Chairman yes, I would 13 just talk through this because you know we didn't have an 14 accurate presentation. But the air quality specialists 15 will have to comply with certain regulations and they must 16 demonstrate that the ambient air quality standards will not 17 be exceeded. We take it a little further, because you know 18 for just, and I'm talking to fine particles now, has 19 specific health effects on exposed people. Those health 20 effects have been assessed in large, what they call multi 21 city studies internationally where certain excursions or 22 certain increases in fine particle concentration were 23 linked to certain health outcomes and we have relative risk 24 factors that we work on, it's all documented by the World 25 Health Organisation and by the United States Environment</p>	<p style="text-align: right;">Page 35</p> <p>1 will be no impact from the sand and dust caused by the 2 crushers, could I just ask Sonette what hours is this mine 3 intending to work? 4 CHAIRPERSON: Sonette? 5 MS SMIT: Sorry, I'm talking to myself. 6 6 till 6 and just every other weekend. 7 MR GROBLER: Okay. So I come back to you 8 Doctor, how did you base your, on what did you base your 9 findings? 10 CHAIRPERSON: Okay let's fine out, Dr Van 11 Niekerk? 12 DR VAN NIEKERK: Ja, first of all let me 13 just explain it, it's not what I believe, it is about the 14 science that is well documented in epidemiology. So what 15 we, to answer your questions, we look at the exposure 16 concentrations of fine particles at various locations in, 17 save for the residential areas, we look at the 18 concentrations in relation to the relative risk that is 19 well documented by the US Environmental Protection Agency 20 and the World Health Organisation. 21 [18:01] So we just used available signs that is 22 well-documented and what I would recommend and I understand 23 this situation that you cannot read through 400 pages of 24 documents and so on, but my – the executive summary of my 25 report is just over one page long. I think if you just</p>
<p style="text-align: right;">Page 34</p> <p>1 Protection Agency, we can actually calculate at a specific 2 receptor location where (inaudible) gives us the 3 concentration of particulates, a 24 hour concentration, we 4 can actually calculate where there would be, whether we 5 could expect an increase in health outcomes. We look at 6 for example cardio vascular effects and respiratory effects 7 and we went through that process with the data given to us 8 and we concluded that the, that there will not be really 9 measurable increases of those health effects due to the 10 mine above what is in the background already. I think that 11 is the short, but I'm willing to take comments on this Mr 12 Chair, ag questions rather. 13 CHAIRPERSON: I think at this stage seen 14 that Willie, Willie and his team unfortunately has to leave 15 are there any particular questions on this regard, I see 16 there's one from Nicky about the use of water for dust 17 suppression, I think now from Paul about the, something 18 about the theory and practice and whether the minimum 19 standards are met. So any of those people please raise 20 your hand and then I can take those questions and ask Dr 21 Van Niekerk to respond to them. Now is the time to raise 22 hands. Alright. Rob, you're hands up. 23 MR GROBLER: Dr Van Niekerk, did, I'm not 24 a 100% sure I understand what you, you haven't done any 25 specialist tests you say, and you just believe that there</p>	<p style="text-align: right;">Page 36</p> <p>1 read that it will probably be very helpful for you. 2 MR GROBLER: What page is it please? 3 MR VAN NIEKERK: Well, it's in the 4 executive summary. It's in the beginning of the document. 5 It is just before the table of contents after the title 6 page. 7 MR GROBLER: Okay. Thank you. And just 8 – you keep talking about America and standards in America, 9 but somewhere in this document I see that there are going 10 to be 52 vehicles moving on that property. I think that's 11 what is the proposal. How do you from a – have any idea 12 how much dust 52 vehicles – that's the mine's vehicles, let 13 alone the traffic impact which I see is going to be over 14 200 vehicles and all the dust that's going to be brought 15 about by them. How did you come to the conclusion that 16 none of that dust and the crusher working 12 hours a day 17 and the screen plant working 12 hours a day is not going to 18 increase the dust which is going to blow across to 300 19 houses across the other side of the river and cause health 20 impacts? 21 MR VAN NIEKERK: Well, perhaps I should 22 just explain that. We did not look at any of the vehicles. 23 That was what Airshed did. We simply took the predicted 24 concentrations and the air concentrations of the 25 particulars and we did the health risk assessment on that.</p>

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1 We do not get involved in the emissions. So now that's not
 2 what we do. We work in toxicology and health, not on
 3 emissions. We take what is given to us and we calculate
 4 the risks.

5 CHAIRPERSON: Let me maybe help a bit
 6 there. I've also in my life sat through many of these.
 7 The hands are noted. Three hands now. The air quality
 8 study makes – does a variety of studies as Rene van
 9 Groenewald indicated and they came to a conclusion about
 10 where dust will go and how much will go and wind direction
 11 and so forth and they say that this is what we expect the
 12 dust concentration to be at a particular place and this is
 13 how far we expect it to take. The toxicology people then
 14 said given those exposure levels or those levels of
 15 whatever – I'm not sure what the right word is, will there
 16 be a health impact from that and Dr Van Niekerk's report
 17 then says if the air study says that there will be dust
 18 here, here and here, the dust shall be of X, Y, Z size and
 19 whatever else there might be that might be of – in the air
 20 quality, will that have an impact with human health, yes or
 21 no? So these are actually two totally different sciences.
 22 And the question that you asked regarding how many of the
 23 trucks and the dust actually, does it go to the air
 24 quality, it does not reflect on Willie or his work.
 25 WARREN: Okay. I forgot, Mr Chair, yes.

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1 CHAIRPERSON: All right. Warren, you're
 2 next.

3 WARREN: I actually live about 25
 4 kilometres away from the mine but I have a – in the windy
 5 months I've seen that cloud of dust blowing from the
 6 southern area over into the Gauteng – into the area where
 7 all those houses and those squatter houses are. And I'd
 8 like to know if there is a lot of people that are –
 9 particularly old-age people because that's in Vaal Oewer
 10 that for example, who chose this area to be their
 11 retirement area and often with age you are more sickly than
 12 other people. The same goes for the people in the township
 13 areas. We know the health conditions in these townships
 14 and the squatter camps. At a period where the wind is at
 15 it's brisk, let's go into August month or wherever, you're
 16 going to have 30, 40 days of bad winds. That's
 17 concentrated dust flowing over every day. How would that
 18 impact on your assessment for the community? So we're not
 19 looking at the average, we're looking at a particular
 20 (inaudible). So in a month long bad wind, continuous dust,
 21 how does it affect old-age people or unhealthy people?
 22 Thank you.

23 MR VAN NIEKERK: Can I respond, Mr Chair?
 24 CHAIRPERSON: Yes. Please do. Please do
 25 respond, Willie.

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1 MR VAN NIEKERK: Yes. Look, it is – it's
 2 a valid question about elderly people. The risk – relative
 3 risk factors actually make provision for sensitive people
 4 and so there are certain calculations that are done for
 5 people 65 years and older which are more sensitive and I
 6 mean it's a fact that with age certain people become more
 7 sensitive, but the models actually provide for that so it
 8 is – those people will be protected in the risk
 9 calculations.

10 CHAIRPERSON: So in other words, Willie,
 11 as part of your conclusion you've already considered the
 12 high-risk recipients as part of the overall health impacts.
 13 Is that correct?

14 MR VAN NIEKERK: Well, the input data of
 15 the World Health Organisation and the USEPA, they actually
 16 provide the relative risk factors for those categories
 17 already.

18 CHAIRPERSON: Okay. Warren, follow up
 19 before I move on. I've now got a fourth hand up there.

20 WARREN: Yes, I do. Thank you,
 21 Chairperson. Yes. I'd just like to know how are they
 22 protected, Doctor? You said they are protected by the
 23 standards, but how are they protected? If I'm a person of
 24 80 years old, I've got lung problems or cancer or whatever
 25 respiratory problems and this dust is on my – in my face

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1 every single day for a month long, how am I protected?
 2 Thank you.

3 MR VAN NIEKERK: The protection doesn't
 4 come in on – in the way that you say how are you protected.
 5 The protection come in in the way in which we calculate
 6 risk. So when we calculate risk and we say that risk is a
 7 certain percentage or a number, then that number will apply
 8 to all people including the elderly and sensitive people.
 9 The – we will not calculate a risk and then there will be a
 10 single person because of the general – his age and so on
 11 that will be at a higher risk. It comes in the way in
 12 which you calculate risk not in the way that the person is
 13 protected. I don't know if that makes sense.

14 CHAIRPERSON: Willie, let me just ask a
 15 question for my own clarity. So what you're saying is when
 16 you say that there's a level of risk and you say X, Y, Z
 17 level of let's call it dust exposure will lead to such an
 18 amount of risk. So what you're saying is that when you
 19 determine the impact level, whether it's above standard or
 20 below norm, that that impact level calculation includes
 21 healthy people, risky people, older people as aforesaid
 22 that it gives a level of – it gives a standard that says
 23 this level of exposure over this time will not have a
 24 significant or may have or may not have a significant
 25 health impact. Verstaan ek jou reg?

<p style="text-align: right;">Page 41</p> <p>1 MR VAN NIEKER: Yes, that's correct. 2 There's a large margin of safety built into all these 3 calculations. What we say is when we report a level of 4 risk is very un – that the risk will be higher, but it's 5 more likely that the risk could actually be lower for most 6 people. 7 CHAIRPERSON: All right. Warren, I've 8 given you – I'm going to give you one more response then 9 I'm going to move on. I'll come back to you later. 10 Warren, you've got the floor one more time. 11 WARREN: All right. No, I don't quite 12 understand it but I'll do my own research further to get 13 clarification. Thank you. 14 CHAIRPERSON: All right. Next up – 15 listen, I don't know the sequence of hands and so I – on my 16 list I've got Rob at the top and then I've got somebody 17 else. So if I go out of – and then I've got Hanlie. So I 18 don't know if Hanlie's hand or Rob's hand was first, 19 Sonette, because I'd like to go in the order of the hands. 20 Sonette, can you help me maybe? 21 MS SMIT: I believe it was Bob and 22 Hanlie. If I'm wrong I'm very sorry. 23 CHAIRPERSON: Bob, you've got the floor. 24 MR GROENEWALD: Thanks, Sonette. Dr De 25 Waal, you said your summary. Help me. Which – help me,</p>	<p style="text-align: right;">Page 43</p> <p>1 then Sonette, then back to Bob. Willie? 2 MR VAN NIEKERK: The Infotox document is 3 a specialist study under the Infotox letterhead and it's a 4 community health risk assessment for sand mining. It's 5 report number 015-2019. It's revision 1 and it was issued 6 on 8 April 2019. That's the document where you will find 7 our executive summary. 8 CHAIRPERSON: Yes, Sonette, and that 9 document is an attachment to the larger report and you'll 10 tell us now which report Rob has to look at. 11 MS SMIT: That's correct. It's under 12 specialist studies. In the meantime I will ask somebody to 13 just refer to exactly where so that we can still give that 14 information in the meeting but I will afterwards also help 15 Bob so that he can – that we are sure that he's at the 16 right document. 17 CHAIRPERSON: So are we now talking about 18 the 400 page document. Is that correct, Sonette? 19 MS SMIT: Yes. It's the driving for 20 environmental impact assessment report. It's the one 21 report and it's got appendices. So there's an appendix 22 called specialist studies and under the specialist studies 23 we've got all the specialist studies listed there. So that 24 report would be there. But – yes. 25 CHAIRPERSON: All right.</p>
<p style="text-align: right;">Page 42</p> <p>1 Sonette. I don't know what - where – I can't find your 2 summaries. Sorry, is what I'm saying. On which page of 3 which document? 4 CHAIRPERSON: Met ander woorde, Sonette, 5 in the report, where is the toxicology report and on the 6 first page of that would be the executive summary of the 7 toxicology report. 8 MS SMIT: Yes. That would be included – 9 under the specialist study, but if it's in order with you, 10 after the meeting I can refer you exactly to which page and 11 which appendix to go to. 12 CHAIRPERSON: All right. Will you please 13 add that to the minutes as well that everybody can go 14 there? 15 MR GROBLER: Sonette, I just have a 16 feeling I'm working from the wrong document. I'm working 17 from two documents. I working from your – what is this? 18 The one that's headed mine work program and I'm working 19 from another 451 program. 20 MS SMIT: No. 21 MR GROBLER: Which document should I be 22 working from? 23 MR VAN NIEKERK: Can I come in here? 24 MS SMIT: Yes. Can I - 25 CHAIRPERSON: All right. Willie first,</p>	<p style="text-align: right;">Page 44</p> <p>1 MS SMIT: I will assist. 2 MR GROBLER: This is a quick one. Sorry, 3 Hanlie. I'm sorry to jump in. I just want to – I'm just 4 trying to find the document. 5 CHAIRPERSON: No, no, no, Rob. Yes, 6 sure. You don't need to say sorry, Hanlie, you want to 7 jump in. You ask me if you can jump in. 8 MR GROBLER: Oh, sorry, Mr Chair. 9 CHAIRPERSON: It's okay. You can jump 10 in. 11 MR GROBLER: Sorry. I apologise, Hanlie. 12 But I just want to get – in this 451 page document you 13 refer to a whole lot of appendixes. Where will I find 14 those appendixes, E9, F1, D4. Where are those appendixes? 15 Are they on your website? 16 MS SMIT: It's on our website, yes, or 17 it's in the hard copy documents that's available. Sorry, I 18 was also now jumping the gun. 19 CHAIRPERSON: All right. So I think at 20 this stage, Rob, for you to get hold of them as soon as 21 possible, you would probably find them on the – you would 22 have to download them from the website. Because I assume 23 you're not going to go out to the – wherever the hard 24 copies are right now. Hanlie, you've been very patient and 25 I'm sorry I interrupted you and broke your sequence once.</p>

<p style="text-align: right;">Page 45</p> <p>1 My apologies for that. It's your turn now.</p> <p>2 HANLIE: No concerns from my side. Okay.</p> <p>3 So I just have one question and that is as a resident in</p> <p>4 Vaal Oewer I'm obviously directly hit by the sand mining</p> <p>5 (inaudible) from the road from us or down the river from us</p> <p>6 and we experienced the dust already as a result of – say on</p> <p>7 a windy day. I mean it's very hectic our side. So this is</p> <p>8 going to increase that and we're going to experience that</p> <p>9 but there's theory and there's reality. So even taking all</p> <p>10 these studies and all the permutations that you guys have</p> <p>11 done and documented, if we take all of that into</p> <p>12 consideration and let's say the mine does start, which</p> <p>13 looks like a likelihood, the point that I'm trying to make</p> <p>14 and the question that I'm asking is let's say the reality</p> <p>15 after the mine has started is excessively worse than what</p> <p>16 this study proposed that it would be. Do we have a</p> <p>17 recourse at all because I don't believe that you can stop a</p> <p>18 mine that has already started.</p> <p>19 MS SMIT: Okay. May I answer? Anybody?</p> <p>20 HANLIE: The question was –</p> <p>21 MS SMIT: This is now -</p> <p>22 CHAIRPERSON: Sonette, ekskuus. I'm</p> <p>23 again yapping to you. I must actually keep my mute on.</p> <p>24 It's your turn to respond to the question, Sonette. What</p> <p>25 will happen if the standards or the level of predictions</p>	<p style="text-align: right;">Page 47</p> <p>1 process in our house because we know who to go to and we</p> <p>2 know who to contact and we know who to ask the questions to</p> <p>3 (inaudible). Are we going to get exposure to these</p> <p>4 contacts and possibly some reports that the mine needs to</p> <p>5 deliver on a monthly basis or a yearly or a quarterly basis</p> <p>6 so that at least we get exposure to whether they are</p> <p>7 meeting or exceeding these limitations. Because if we</p> <p>8 can't see it, I know who to ask if I can see the</p> <p>9 (inaudible) excessively worse than what the (inaudible)</p> <p>10 say, I have no idea who to contact. Would that be visible</p> <p>11 somewhere? I'm just asking because I'm not sure.</p> <p>12 CHAIRPERSON: Sorry, it's a good</p> <p>13 question, Hanlie. Sonette, if you please respond to</p> <p>14 Hanlie's question.</p> <p>15 MS SMIT: Okay. Yes. Firstly every</p> <p>16 operated – operational mine needs to have a comment</p> <p>17 register – a concern register if there's anything that goes</p> <p>18 out of plan that the IMAPs or the neighbours or anyone in</p> <p>19 the area can go and report the comment. Also the</p> <p>20 environmental control receipt that needs to be done every</p> <p>21 single month, that is part – that's also a condition in the</p> <p>22 EMPR that there's an environmental control officer</p> <p>23 appointed and then there's a monthly report that needs to</p> <p>24 go out. That report becomes a public report so it needs to</p> <p>25 be placed on the website and everyone will have access to</p>
<p style="text-align: right;">Page 46</p> <p>1 are exceeded whilst the mine is in operation?</p> <p>2 MS SMIT: That is the part where the</p> <p>3 conditions come in. The mitigation measures has got – or</p> <p>4 there's certain levels that needs to be – or the dust needs</p> <p>5 to be mitigated to a certain level that it's safe and, Dr</p> <p>6 Van Niekerk, please you can also assist here. But that</p> <p>7 mitigation measures and the levels becomes part of the</p> <p>8 authorisation if there's an authorisation and that – if</p> <p>9 they go over those levels the mine – the – any time –</p> <p>10 doesn't matter if it's the windy months, if they go over</p> <p>11 those levels they need to monitor in the first place in</p> <p>12 order to show that they're not over the levels of safety</p> <p>13 and then if they can't keep it at that level the mine will</p> <p>14 be stopped to operate until they can reduce the dust or</p> <p>15 noise or whatever impact it might be.</p> <p>16 HANLIE: Thank you. Then the last</p> <p>17 question from my side-</p> <p>18 CHAIRPERSON: I'm getting back to you</p> <p>19 then Warren.</p> <p>20 HANLIE: Oh, sorry. Before Warren –</p> <p>21 CHAIRPERSON: No, no, no. Hanlie, it's</p> <p>22 your turn, not – after you it's Warren. It's your turn</p> <p>23 now.</p> <p>24 HANLIE: Thank you very much (inaudible).</p> <p>25 I'm aware of that and the fact that we are part of this</p>	<p style="text-align: right;">Page 48</p> <p>1 exactly what's happening on the mine as well while it's</p> <p>2 being – in the auditing report and all the documents that –</p> <p>3 for the dust fallout, the monitoring results will also form</p> <p>4 part of that report and that will be made available to</p> <p>5 public. So on any given day you can request that from the</p> <p>6 mine and they will have to give it to you.</p> <p>7 CHAIRPERSON: I believe that information</p> <p>8 is also made available to the DMR. Am I correct, Sonette?</p> <p>9 MS SMIT: Yes. No, it needs to be</p> <p>10 submitted to them but it is public information so the</p> <p>11 public can get copies of those reports.</p> <p>12 CHAIRPERSON: All right. Thank you for</p> <p>13 that. Warren?</p> <p>14 WARREN: Thank you. Sonette, that you've</p> <p>15 just brought up an important point in answering Hanlie's</p> <p>16 question. We know despite all mitigation methods or</p> <p>17 controls that's supposed to be there, these are not adhered</p> <p>18 to and we're not just talking about the issues that we've</p> <p>19 had in Vaal Oewer area or Vaal inner area already. It's</p> <p>20 countrywide. It's a worldwide we have the same problems.</p> <p>21 People who are out to make money (inaudible) but their</p> <p>22 bottom line is profit and that's the bottom line for them.</p> <p>23 So we've had issues in the Vaal urban area with mines</p> <p>24 already. We've gone to DMR on numerous occasions. We've</p> <p>25 made presentations to them. We don't get response because</p>

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1 we know their interests are on the side of the mines, not
 2 on the public side of it. When we get an occasion where
 3 we're going to have that fallout from the silica sand in
 4 particular and we comment on it, but there are going to be
 5 three mines in operation. If this one goes – opens up, the
 6 other two will definitely be continuous. So we're going to
 7 have three mines with over 300 vehicles travelling in and
 8 out daily and we're complaining about the dust. Each mine
 9 will say oh, but it's not our dust. It's from next door.
 10 So we are saying this is a community problem. This is
 11 community issues and this falls back on the socio-economic
 12 impact that it's going to have on everybody in that area.
 13 I don't know how you respond to it but this is a comment.
 14 Thank you.
 15 CHAIRPERSON: Warren, it's a difficult
 16 one to – I'm going to take that as a comment because I've
 17 also seen some of that that at times the department –
 18 MS SMIT: There is an answer to that if I
 19 may.
 20 CHAIRPERSON: Please do.
 21 MS SMIT: The air quality specialist will
 22 also be able to assist me here but there's ways of
 23 monitoring the dust so that you can exactly know from which
 24 direction and what is the source of that.
 25 [18:21] So that is part of the monitoring that gets done

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1 afterwards, so there is a way to prove that you can't, you
 2 can't just have finger pointing from other mines, there is
 3 a scientific way to prove which mine has got which dust, so
 4 ja.
 5 DR DE WAAL: Thank you, for that -
 6 RENE: If I can just jump in here, can I
 7 perhaps just add to that –
 8 DR DE WAAL: And who is that? Is that
 9 Rene? Yes, do.
 10 RENE: Yes, Rene Van Groenewald, from an
 11 equality specialist side, as part of our recommendations to
 12 this impact we have recommended that a metrological station
 13 be set up at the site, as well as five different particular
 14 monitoring stations, but the PM10 needs to be within
 15 75 micrographic cubic metre, and if there is exceedances of
 16 that, that information together with the metrological data
 17 can help you to understand where those impacts are coming
 18 from and who is responsible for the impacts. Now obviously
 19 if it shows that the mine is responsible, they need to go
 20 back and relook at their mitigation issues, understand
 21 which sources are actually causing those issues, and re-
 22 investigate their mitigation measures to get in those
 23 levels of 35 micrographic cubic metres, because that is the
 24 standard, they need to adhere to that.
 25 DR DE WAAL: Alright, thank you, I am

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1 going to move onto the next subject now, but Warren, I
 2 think the point you made about the ability or the, let me
 3 call it the way in which the Department intervenes when
 4 they have to, whether it happens or not, I'm going to
 5 record that as a comment, and that's a comment that one
 6 hears about often and you also read about in the
 7 newspapers, and so with your permission I will treat that
 8 as an observation or a comment, and I have it minuted
 9 accordingly. Would that be okay?
 10 WARREN: Thank you.
 11 MS SMIT: If I may add, specifically in
 12 the Free State we had a couple of, or I've experienced a
 13 couple of mines that's been closed down because of dust not
 14 being mitigated, so I can assure you the Free State
 15 Department will do something about it.
 16 DR DE WAAL: Sonette, even the
 17 (inaudible) has to work via the chairperson.
 18 MS SMIT: Sorry, I'm very sorry.
 19 DR DE WAAL: Okay, next up is Mark
 20 Van Wyk, and then Dr Van Niekerk again.
 21 MR VAN WYK: Thank you, Dr De Waal. Is
 22 it possible that Marius Meintjies could not comment? I see
 23 his hand was up. He's a dust monitoring expert, and during
 24 the times that we mined in terms of the mining permits and
 25 prospected, he was active on the farm and measuring the

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1 dust fallout. I just want (inaudible) -
 2 DR DE WAAL: I didn't see his hand.
 3 Please do.
 4 MR VAN WYK: His hand was up, thanks.
 5 DR DE WAAL: Marius, if you would.
 6 MR MEINTJIES: Yes, chairman, thank you
 7 for the opportunity. Basically if you let us adequately
 8 address the question with regards to theory versus
 9 practice, but if I can reiterate the National Dust Control
 10 regulations states that every mine has to monitor their
 11 dust fallout, so they have to implement a dust fallout
 12 monitoring program, and then with that it means they have
 13 to have a complaints register according to that regulation,
 14 so whether the community feels (inaudible) rather the
 15 community feels that they have experienced dust in windy
 16 months, and so forth, they are encouraged to contact the
 17 mine, and then that needs to be taken up in that type of
 18 register, and then there are limits set out in the National
 19 Dust Control regulations when a mine is permissible to
 20 liberate into the air, depending on whether it's a
 21 residential area or a non-residential area, it has two
 22 different limits, but they need to stay in that limits for
 23 that specific area. So if it's a residential area, it
 24 needs to be under 600, excuse me, it needs to be under 600
 25 milligrams per square metre per day over 30 days' average,

<p style="text-align: right;">Page 53</p> <p>1 and then there are two permissible exceedances, but not in 2 sequential months, so that a mine cannot continuously say 3 that it's windy conditions that's causing the excess dust, 4 so if there is an over-exposure in the windy months in that 5 case, they need to investigate and then apply their 6 mitigation measures so it does not happen in the sequential 7 month, if that answers your question adequately.</p> <p>8 DR DE WAAL: Alright, Willie, and then I 9 want to actually move on from dust, we've now got about 10 half an hour, and I am nervous we're not going to get to 11 all the other points as well. Willie, your hand is up.</p> <p>12 DR VAN NIEKERK: Well, Mr Chair, by what 13 Marius has said, he is perfectly correct, that's one part 14 of monitoring of dust. Unfortunately we cannot use any 15 information from the dust fallout buckets for risk 16 assessment, because the dust is collected over a period of 17 typically a month, and it doesn't tell you anything about 18 ambient air concentrations of the dust. So I will strongly 19 support what Rene has said in her recommendations, that a 20 monitoring station actually be installed, because that will 21 give you on an hour, literally on an hourly basis, or even 22 less, what the ambient air concentration of the particles 23 will be, and that is the information that we can use to 24 assess potential health risks.</p> <p>25 DR DE WAAL: Thank you, Willie. Rob, I'm</p>	<p style="text-align: right;">Page 55</p> <p>1 toxicologist is going to express herself on the danger of 2 potholes. Toxicology has to do with toxic substances, but 3 the traffic on the road and that is very much a valid 4 issue, but it is not one, from what I've heard Willie say 5 that will fall within Willie's brief. Willie, I'm allowing 6 you to quickly answer to that, then I have to move onto the 7 next subject.</p> <p>8 DR VAN NIEKERK: No, I understand the 9 concern, and obviously it is a concern, but you know, we 10 don't look into accident scenarios, we look at health, and 11 that is not a health issue, that's an accident scenario, 12 okay.</p> <p>13 DR DE WAAL: Alright. Well there was a 14 hand that was up and then down. Rene, it's yours, please 15 continue?</p> <p>16 RENE: Are you referring to me?</p> <p>17 DR DE WAAL: Yes, Rene Hartsliief, sorry.</p> <p>18 RENE: Thank you so much. I just wanted 19 to mention that the accident was caused as a result of, in 20 this case it could have been caused by the extreme dust 21 clouds that appear on the road and the fact that you can't 22 see the potholes, which is where Rob was going, and so it 23 does contribute, the dust does contribute to the accidents, 24 and I think that should be taken into consideration, 25 because you can't see where you're going, so -</p>
<p style="text-align: right;">Page 54</p> <p>1 going to allow you to speak, you're the last person on that 2 issue?</p> <p>3 MR HARTSLIEF: A quick question. Did you 4 only worry about dust, and did you only worry, I mean, how 5 far afield did you worry about health implications, and I 6 ask this with specific reason to some poor person who was 7 killed on the road when his truck overturned two weeks ago, 8 which I would then suggest the mines have caused the health 9 risk as far as that, or does that not come into your brief?</p> <p>10 DR DE WAAL: Robert, explain that link to 11 me?</p> <p>12 DR VAN NIEKERK: No, that's not in our 13 brief, no.</p> <p>14 MR HARTSLIEF: I'm just trying to 15 understand, sorry, through you, Mr Chair, I'm just trying 16 to understand Dr Van Niekerk's brief, whether it's just to 17 do with dust, because Rene was talking about omissions, so 18 we're talking about the emissions of the plants that are 19 going to be used on the mine, but not any other emissions 20 and not any other consequence arising from the mining, such 21 as the potholes on the road, which is completely inadequate 22 to hold the trucks, and as a result somebody was killed on 23 that, which I would then suggest is a health hazard, but if 24 that's not in his brief, then it's not in his brief.</p> <p>25 DR DE WAAL: It is highly unlikely that a</p>	<p style="text-align: right;">Page 56</p> <p>1 DR DE WAAL: Your point is noted and 2 recorded.</p> <p>3 RENE: Thank you.</p> <p>4 DR DE WAAL: Please continue, I 5 interrupted you, apologies, please continue, Rene.</p> <p>6 RENE: No, I was going to send maybe some 7 video that was taken today, in fact, of exactly what it 8 looks like on the road, and it wasn't a very windy day, and 9 maybe Sonette can screen share that so that you can see 10 what we're talking about here.</p> <p>11 DR DE WAAL: And this dust is from the 12 mine that is currently operating across the road, I assume, 13 you're saying?</p> <p>14 RENE: Yes, the one that's only 50 trucks 15 one way per day.</p> <p>16 DR DE WAAL: Okay (inaudible) -</p> <p>17 RENE: I will just send that, I will send 18 that screenshot through and then, sorry that quick clip 19 through and then Sonette can just show it so that you get a 20 sense of what we're talking about here.</p> <p>21 DR DE WAAL: Sonette, I know that you're 22 busy running around that side, so I suggest that you maybe 23 if you get it, that we present that slip when we come, aag, 24 slip, that video clip, sorry, when we come to the question 25 and comment side, because I know it's not so easy to put it</p>

<p style="text-align: right;">Page 57</p> <p>1 on, so I will give a few minutes time to put it on so that 2 everybody could look at that. With that ladies and 3 gentlemen - 4 MS SMIT: (Inaudible). 5 DR DE WAAL: Sonette, yes. 6 MS SMIT: Ja, definitely if I can just 7 ask Rene to email it to myself and admin at Green Mind, 8 then we will be sure to make a plan to show it. 9 DR DE WAAL: Alright, in a very 10 democratic fashion I am now moving that we move towards the 11 point on the agenda, the details of the applicant. Mark 12 Van Wyk, if you would. 13 MR VAN WYK: Thank you, Dr De Waal. I am 14 the Managing Director, excuse me, of inter alia the 15 following companies: Van Wyk Land Development Corporation, 16 hereinafter referred to as "VLDC", Goosebay Farm (Pty) Ltd, 17 this is the company that actually owns the farm. Sonette, 18 if I could ask you just to move to the images of the 19 estates to save time, and then to continue. Pure Source 20 Minerals Mining Company, the company that will do the 21 mining, Monte Cristo Commercial Park (Pty) Ltd (MCCP), 22 that's the applicant for the mining right. All of these 23 companies are companies within the VLDC Group of Companies. 24 I founded the Group of Companies in 1999, so the group has 25 had a more than 20 year track record. The company or the</p>	<p style="text-align: right;">Page 59</p> <p>1 party to the land owner of this property." If I can just 2 stop there for a moment. I'm concerned about the people 3 who stay on the farm, they're my employees, one of them is 4 in this meeting today, that's Mr Robert Schimpers, he stays 5 there with his wife and four small children. Obviously 6 we're very concerned about the amount of dust and control 7 of that dust to prevent harm to anybody. I just want to 8 continue, this is in the presentation: "Both the land owner 9 and the applicant's related parties of common shareholding 10 and directorships will be directly affected by any impacts 11 arising from the proposed mining activities. They will 12 first and foremost be affected by any impacts arising from 13 these activities." I just want to continue: "Goosebay Farm 14 (Pty) Ltd conducts the following business operations on 15 Goosebay Farm", that is currently: "Game farming, grass fed 16 free range cattle and livestock farming, production of free 17 range organic eggs, vegetable and crop farming", and this 18 is important, "Tourism and rental of holiday 19 accommodation". At the moment and for the past decade 20 we've been renting out rental properties or rental 21 accommodation to tourists, notwithstanding the fact that we 22 were mining there, and the mining had no impact whatsoever 23 on the people who came to visit the farm. As you can see 24 in the presentation, we also train our staff in 25 hospitality, construction, farm management and equipment</p>
<p style="text-align: right;">Page 58</p> <p>1 group's principal business, as you can see from what's on 2 the screen in front of you, is the development of 3 residential estates, and that is in fact why my group 4 purchased Goosebay Farm in approximately 2005; the purpose 5 was to develop an upmarket echo river estate of the nature 6 that you see in front and in the images in front of you. 7 Okay, my Group of Companies also has other interests, 8 including development of shopping centres and holding of 9 other properties. I'm not going to bore you with all the 10 details of the various estates that I've built, but you can 11 read it, it's in the presentation, what I will say to you 12 is, our motto is "Quirky Aesthetics Elegance". You can 13 have at the pictures and judge for yourself. The important 14 point, Dr De Waal, that I just want to emphasise is the 15 following – I'm just going to read it into the record 16 because it's really important. "It should be noted that 17 the applicant, Monte Cristo Commercial Park (Pty) Ltd, 18 shares common shareholding and directorship with the land 19 owner. Therefore, notwithstanding that the mining right 20 applicant is a different legal persona from a land owner. 21 The said applicant obviously has a vested interest to 22 ensure that all mitigation measures and conditions set out 23 in this application, as well as any authorisations that may 24 follow should be fully adhered to and complied with in 25 order to minimise any impact on themselves as a related</p>	<p style="text-align: right;">Page 60</p> <p>1 maintenance. Sonette, if you could just go to the next 2 slide, please, thank you? As you can see, here is the 3 details of the land which makes up Goosebay Farm. There 4 are three farm portions of the farm Woodlands, the details 5 are in front of you, and there you can see images from the 6 farm. I can just point out to you, at enormous expense the 7 group has restocked the farm with indigenous endemic game, 8 you can see over there, there is images of farming 9 activities, there is Mr Schimpers, the farm manager, in the 10 middle of the photograph on the left hand side at the top, 11 there is further images of farming activity. What this is 12 of relevance is, any land with agricultural potential we 13 would utilise for farming purposes, and will continue to do 14 so going forward. That land will be virtually unaffected, 15 unaffected by the mining activities, and that's it - 16 DR DE WAAL: Mark, may I ask, may I ask a 17 question, I just want to connect two dots in my own mind? 18 MR VAN WYK: Certainly. 19 DR DE WAAL: When you started your 20 presentation, you showed us examples and you said that the 21 upmarket luxury residential development, if I may call it 22 that, or estate development, you already have an 23 authorisation to start that, and in effect that will be the 24 end use of the land post-mining, is that correct? 25 MR VAN WYK: Dr De Waal, that's correct,</p>

<p style="text-align: right;">Page 61</p> <p>1 there's more information further on in the presentation 2 relating to that. If I can (inaudible) – 3 DR DE WAAL: I just wanted to make a link 4 between the residential development and the mine 5 application, I just wanted to make sure where that part of 6 your discussion would fit in. 7 MR VAN WYK: Dr De Waal, thank you. Just 8 to clarify that point, could we ask Sonette just to show 9 the 2005 layout of the eco estate, and while she is doing 10 that, I can just point that we've held the environmental 11 authorisation for more than 10 years, it's been in place 12 and we've been carrying out preliminary development 13 activities in terms of that. She will get to it in a 14 moment. There it is over there. Okay, I must stress, 15 sorry, I said 2005, it's in fact 2008, that was, if we just 16 stay there, please, thank you, you can see that there are 17 approximately 224 erven set out there. As I say, we have 18 the environmental authorisation for that in place; we've 19 had it in place for more than 10 years. You heard from Mr 20 Mader Van den Berg, the landscape architect, that he's been 21 working on the site for the past several years. He will 22 be, he is in the process of bringing together a much more 23 detailed and sophisticated layout of this, which we'll get 24 to a little later. I think that's it for the time being, 25 Dr De Waal.</p>	<p style="text-align: right;">Page 63</p> <p>1 and 83 of the Mining Plan, oh sorry, 80. 2 DR De WAAL: Okay. 3 MR HARTSLIEF: We've got a Certificate of 4 Name Change from Eagle Creek Investigations 664, which then 5 changed its name to Monte Cristo Commercial Park, so we've 6 got that name change. Then we go into Windeed, which is 7 the title deed search, and the title deed search shows that 8 the property, and this is your document submitted, is 9 actually owned not by Goosebay, or whatever, but by Winners 10 Point 117. 11 DR DE WAAL: Mark, we're a little bit 12 off, going off the subject here, but I think if you could 13 maybe just enlighten us on that, because it has to do with 14 the property on which the application lies. 15 [18:41] MR VAN WYK: Thank you, Dr De Waal. If 16 we just ask Sonette to go back to slide 17? Sorry, RENE. 17 If you have a look at 1.2, Goosebay Farm (Pty) Ltd, 18 formerly Winners Point 117 Trading (Pty) Ltd, is as I have 19 pointed out earlier, the owner of the various land 20 portions. 21 MR HARTSLIEF: Through you, Mr Chair, 22 thank you. Thank you, Mark. 23 MR VAN WYK: I just want to finish, 24 please, if I may? 25 MR HARTSLIEF: Okay.</p>
<p style="text-align: right;">Page 62</p> <p>1 DR DE WAAL: Alright, thank you very 2 much. 3 MR VAN WYK: Thank you. 4 DR DE WAAL: That brings us then to the 5 project description. Mader Van den Berg, if you would? 6 MR VAN DER BERG: Yes, thank you. While 7 we go back to the beginning, three resources would be mined 8 over a period of 30 years, it will be sand, silica, plaster 9 sand, building sand - 10 DR DE WAAL: Sorry, excuse me, Mader, 11 I've only now seen that Rob's is up. Rob, is it the next 12 question, or is it about what Mark Van Wyk said? 13 MR HARTSLIEF: Very much about what Mark 14 Van Wyk said. 15 DR DE WAAL: Alright, Mader, can I please 16 interrupt you for a second and just get Rob in on this 17 point? 18 MR VAN DER BERG: Not a problem. 19 DR DE WAAL: Rob, please continue. 20 MR HARTSLIEF: Adv Van Wyk, in your first 21 pack of documents you actually showed that the properties 22 are in fact owned by Winners Point 117 Trading (Pty) Ltd. 23 DR DE WAAL: What documents are you 24 referring to? Oh, this one. 25 MR HARTSLIEF: On page, on page 81, 82</p>	<p style="text-align: right;">Page 64</p> <p>1 MR VAN WYK: The company, it was a shelf, 2 this is common commercial practice, you buy a shelf through 3 your accountants or your attorneys to put a property into. 4 Obviously Winners Point Trading 117 is the name of the 5 shelf, it's a mouthful. It makes a lot more sense for 6 everybody is to call the company by the name of the 7 property which it holds, which is also normal commercial 8 practice, Goosebay Farm (Pty) Ltd. Mr Hartsliet, I trust 9 that answers your question. 10 DR DE WAAL: Okay, Mr Hartsliet's 11 question, Mark, if I may just add, is that on Windeed it 12 gives the one name. Just enlighten me personally then, in 13 other words, so the Windeed name has not yet changed to the 14 name change that you've made here, is that what you're 15 saying? 16 MR VAN WYK: Dr De Wall, I have no idea, 17 but certainly were you to go into Windeed today, you would 18 most likely see Goosebay Farm (Pty) Ltd. We've got an 19 attorney sitting in this meeting, he's probably in his 20 office. I'm not sure if he can access Windeed from where 21 he is sitting at the moment. 22 DR DE WAAL: No, I don't know if that's 23 necessary. Rob, back to you, Bob, I mean, no sorry – 24 MR HARTSLIEF: No, no – 25 DR DE WAAL: Ja, Bob, back to you.</p>

<p style="text-align: right;">Page 65</p> <p>1 MR HARTSLIEF: Thank you, no, it's your 2 documents, Adv Van Wyk, it's not mine. You submitted them 3 on page 81 saying that you submitted the Windeed document, 4 so just for the sake of clarity, so now we have a company 5 called Van Wyk Land Development Corporation. What's unsure 6 to me is who actually has the mineral rights. I understand 7 now that Goosebay Farm owns the property, and that you were 8 looking for a mining right in the old Eagle Creek, now 9 called Monte Cristo, but then on this particular slide you 10 also put Pure Source Minerals Mining. Now I'm lost at 11 that, and then finally, well then I won't speak anymore, is 12 you haven't told us who your 26% BEE partner is in Monte 13 Cristo Commercial Park, which is applying for the mining 14 right.</p> <p>15 DR DE WAAL: Alright, I'm going to ask 16 the first question, and Mr Van Wyk, you will do the rest. 17 The mining rights belong to the estate, it doesn't belong 18 to anybody. Anybody can apply for the right to use it, but 19 the ownership stays with the state; what you apply for is 20 the right to use that resource, so the resource does belong 21 to the state throughout the process. Mr Van Wyk.</p> <p>22 MR VAN WYK: Thank you, Dr De Waal. Pure 23 Source Minerals Mining Company is the company which will do 24 the mining on behalf of the mining right of the applicant, 25 because it's got the necessary skills, equipment, financial</p>	<p style="text-align: right;">Page 67</p> <p>1 underlying the Mining Charter the DMR Regulations, it has 2 to be placed for this application to be successful, so even 3 though the details is not clear, it is clear that it must 4 be in place. Bob, I'm going to give you one last chance on 5 this, because I suspect you may want to come back, and then 6 we're going to move on.</p> <p>7 MR HARTSLIEF: Okay, thank you, Mr Chair. 8 It's clearly Adv Van Wyk's prerogative, however, I would 9 submit and I would like it recorded that withholding that 10 information from the IAPs could actually have a significant 11 impact on what's going to happen there, and Adv Van Wyk 12 said at the outset that this was always going to be a 13 transparent application, and as I say, it's his right, but 14 I think if we were to know who his BEE partner was, as a 15 IAP, it would influence us substantially, but nevertheless, 16 I still am now more confused than ever as to who is 17 actually applying for the mining right: is it Pure Source 18 Minerals Mining, or whatever the name of that company is, 19 because it's gone off the slide, or is it Monte Cristo 20 that's applying for the mining right? Thank you.</p> <p>21 DR DE WAAL: Alright, Bob, your point 22 about the value of knowing the information and the 23 frustration that it leaves you, and that it could influence 24 your viewpoint, that point is noted and recorded as such. 25 Sonette, you're handling the application. The application</p>
<p style="text-align: right;">Page 66</p> <p>1 position, and so on, and so on to attend to the mining; 2 again, normal commercial practice.</p> <p>3 DR DE WAAL: Alright, there was a 4 question about the shareholding, Mark.</p> <p>5 MR VAN WYK: Well, Dr De Waal, this 6 meeting is to discuss the environmental issues. I don't 7 believe that this meeting has got anything to do with BEE, 8 but since I've been asked, let me answer as follows. I'm 9 not obliged to discuss the BEE involvement in this project, 10 and nor am I obliged, sorry, I'm not obliged to discuss it, 11 and nor am I authorised by my BEE partner at this time; 12 again for commercial reasons.</p> <p>13 DR DE WAAL: If I may respond to that. I 14 hear what you say, Mark, thank you for that, and it's often 15 a difficult question. The mining right application, the 16 next question obviously is now if you can't or won't or 17 should not tell us about the BEE partner, in other words, 18 what is your status, and I can respond to that purely from 19 a process side, not to do with this project, is that the 20 application and in terms of the Mining Charter there are 21 particular requirements; if you don't meet those 22 requirements, you can't get authorisation or can't get the 23 right. So who the partners are at this stage is for a 24 variety of reasons not on the table, but there has to be, 25 that it has to be complied with, the Mining Charter, and</p>	<p style="text-align: right;">Page 68</p> <p>1 is done by?</p> <p>2 MS SMIT: Monte Cristo Commercial Park.</p> <p>3 DR DE WAAL: And Monte Cristo Commercial 4 Park opening statement appointing a company to do the 5 mining, to do the actual mining operation on their behalf, 6 is that correct?</p> <p>7 MS SMIT: That's a hundred percent 8 correct, yes.</p> <p>9 DR DE WAAL: Right.</p> <p>10 MS SMIT: But the mining right has been 11 filed under Monte Cristo Commercial Park.</p> <p>12 DR DE WAAL: Okay, thank you very much. 13 Bob, I suspect that may answer that one question that you 14 have. Let us move on, "Need and Desirability of the 15 project". Sorry, no, Mader, Mr Van den Berg, I interrupted 16 you within three minutes of your presentation, my 17 apologies, please continue.</p> <p>18 MR VAN DER BERG: Thank you, thank you 19 for the opportunity again. So let us start, like I started 20 earlier by saying that three resources would be mined, it 21 would be sand, aggregate and diamonds. The mining 22 procedure would be a typical "truck and shovel" method, no 23 blasting, everything would be done by equipment, such as 24 excavators, and so forth. The area, the total area that 25 would be mined comes to 363.5 hectares that could be mined</p>

<p style="text-align: right;">Page 69</p> <p>1 over 30 years. I don't want to go into too much detail 2 with the averages, because that led to quite a bit 3 confusion in the previous, one of the previous meetings, so 4 I would like to just go down to the last bullet point there 5 that says, "Only 5 hectares in the sand areas and 4 6 hectares in the aggregate areas", so, in other words, 9 7 hectares in total, "will be actively mined at any given 8 time at the various locations, as indicated in the 9 following figures". The areas that's shown as averages a 10 little bit higher up in that presentation are purely the 11 areas divided by 30 for the 30 years, so I don't want to 12 spend too much time on that, but I think the essence lies 13 in the 5 and the 4 hectares that will be actively mined 14 within any given time. This map shows the 30 year 15 separation of mining for the sand, the next one, Sonette, 16 is for the aggregates, we can just skip to that. What is 17 important to note on these maps are that feeding from the 18 specialist reports, for instance wetland alienation, ridges 19 that are considered sensitive, also heritage sites are all 20 excluded from the mining areas, so none of those highly 21 sensitive areas would be impacted by the mining. You can 22 see there's a dark blue line all along the Vaal River 23 that's considered, I believe, a riparian zone, I'm not too 24 sure about the terminology there, yes, it is, thank you 25 Sonette, thanks for showing me there, and so that again is</p>	<p style="text-align: right;">Page 71</p> <p>1 beneficiate the sand and extract the silica component of 2 that, which is a much higher value resource than just 3 plaster or building sand, so just to notice that the first 4 two years would be mines, and actually more in that areas 5 the mines, the plant would be built on top of that, so you 6 will have a plant built on an already disturbed site and 7 not on a virgin site. When the plant is set up, there 8 would be a couple of infrastructure associated with that, 9 the wash plant, drying plant, workshops, settling ponds and 10 pollution control ponds, and so forth. Obviously you need 11 electrical supply and water supply to feed into that. The 12 water supply would be handled under the water use licence 13 application, which I'm not really competent enough to 14 comment on at this point. Sonette, I think let's skip this 15 slide, then I can talk on the maps, if you don't mind. So 16 the top two images there shows what we showed you earlier 17 about the sand areas and the aggregate areas, that's just a 18 duplicate of that, and then at the bottom left hand corner 19 it shows the three alternative sites that was identified 20 and assessed by the specialist for the plant, for the plant 21 site, and then on the right hand side it's just some of the 22 existing agricultural fields that are shown there mostly on 23 the southern boundary, and those would overlap with the 24 highest agricultural (inaudible) that was measured or 25 assessed rather. Okay, the next slide. Okay, I think I've</p>
<p style="text-align: right;">Page 70</p> <p>1 excluded from that. So I just want to make sure that 2 that's clearly understood, it has been taken into account. 3 The next slide. Okay, so I think at this time you're well 4 aware it would be an open pit mining, both for the sand and 5 for the aggregates, as well as for the diamonds. The 6 maximum depth of sand that was found during the prospecting 7 were about 12 metres, some areas are a lot less, some areas 8 is very close to the 12 metres, or a little bit deeper, but 9 I can see that, I believe 12 metres would be the maximum. 10 And then there's an item there about the diamonds, so the 11 diamonds are according to Dr Tanya Marshall, I believe, 12 she's a diamond expert, she was on the farm having a look 13 at historic documents. So according to her, the 14 diamondiferous gravels would occur below the sand layer, so 15 the sand is alluvial sand that was washed in many years ago 16 by the old path of the river, and underneath that there's a 17 potential of diamonds. Okay, the next slide. Okay, so the 18 first two years, year one and two of the mining process 19 would be seen as a construction phase. So in those two 20 years there would be mining happening, but the mining would 21 happen, and a very few infrastructure would be developed, a 22 couple of roads, a weighbridge and getting the screens and 23 the crushing machines in there, and only from year three 24 the actual plant would be set up. So the plant would be 25 there to wash the sand and dry it, and that would be to</p>	<p style="text-align: right;">Page 72</p> <p>1 spoken about the sand mining, it's an open pit. When 2 considering that in some areas the sand is quite deep, you 3 need to have benches, and the maximum height of 1.5 up to 3 4 metres, those benches are there for safety reasons so that 5 it doesn't collapse. I believe an engineer proposed these, 6 I'm not too sure where this information comes from. 7 Robert, you're welcome to pitch in whenever you feel so. 8 And then the sand would be excavated, it will be 9 transported by truck or a conveyor to the wash plants. The 10 next slide. I think this is just a lot of details. We 11 said that after mining the closing objective would be to 12 develop a farm into an eco-estate, I think it would run 13 concurrently, we're already busy with some of the planning 14 of the resorts that would be on the eastern river bank, 15 it's not going to be affected by the mining directly, but 16 it is already being planned so that the development of the 17 eco estate can happen concurrently. Also livestock, I just 18 want to mention that currently there's quite a bit of game 19 on the farm, that game would remain there and we obviously 20 need to keep the safety or some safety feature around the 21 actual mining area so that they don't enter into that area 22 and can get hurt. Okay, the next slide - 23 MS SMIT: Mr Chair, I've just received a 24 message from Dr Van Niekerk that he's leaving the meeting 25 now.</p>

<p style="text-align: right;">Page 73</p> <p>1 DR DE WAAL: Thank you for your time, 2 Willie. Please travel safely. 3 MR VAN DEN BERG: Okay, that's a graphic 4 of the process of the sand mining, really if you want me to 5 go into detail, I am happy, but I think we can skip over 6 it, I've explained it a bit earlier as well. 7 DR DE WAAL: Mark, let me just double 8 check something. There's nothing on this presentation that 9 is not in the report, that is my understanding. Is my 10 understanding correct? 11 MR VAN DEN BERG: I believe so, yes. 12 DR DE WAAL: Alright, thank you very 13 much. 14 MS SMIT: That is correct, it is 15 information out of the report that's compiled in the 16 presentation. 17 DR DE WAAL: Thank you. Alright, please 18 continue, sorry. 19 MR VAN DEN BERG: Thanks Sonette, the 20 next slide. The alluvial diamond mining I mentioned 21 earlier is below the sand deposits, so the sand needs to be 22 excavated and removed first before you can access the 23 diamondiferous gravel. Again, this comes from a report by 24 Dr Tanya Marshall, which explains what type of gravels you 25 need to look for before you can even start digging for</p>	<p style="text-align: right;">Page 75</p> <p>1 management would be much better. Normally in the big 2 mines, for instance coal and gold, and so forth, the stocks 3 are all stripped and stockpiled for many years before it's 4 actually used again. In that time the top soil loses its 5 viability as a good growth medium. Using it in the way 6 that we propose here makes maximum use of the top soil's 7 viability, there's a seed bank in that already, so as soon 8 as you start spreading it, you know, within a couple of 9 weeks, months you can already see some plants recovering 10 and germinating, and we saw that now with the mine permits, 11 when the mine permits were mined, Robert, I think that was 12 about three years ago, the way you mined there and placing 13 the top soil immediately had a massive impact on how quick 14 that area recovered. I want to just (inaudible) and show 15 you to point 3, the bullet point 3, "To achieve an 16 effective mining sequence, a maximum of four phases or 17 blocks will be either actively mined or in the process of 18 levitation." So if you can see in your mind's eyes that 19 the mine is already four years in advance, then you would 20 have your fourth year, or the first block would then be 21 active, the area where you would actively mine, the second 22 block in the previous year where there would be shaping and 23 profiling and preparation for levitation, the year before 24 that is where you already start doing your (inaudible) 25 spreading and seeding, and so forth, and then your fourth</p>
<p style="text-align: right;">Page 74</p> <p>1 diamonds, so there would be a pre-assessment before you 2 really start doing the actual diamond mining. Okay, the 3 next slide. And that's her process, very technical 4 information, I think the major thing that needs to be 5 understood is that there would be a road route plan, plant 6 – Robert, just help me, is that a mobile unit, Robert? 7 MR SCHIMPERS: Ja, ja, dit gaan mobile 8 wees. 9 MR VAN DEN BERG: Okay, thank you. Okay, 10 thanks, next slide. Aggregate mining, very simple, the 11 same process as before with the sand, except that there 12 wouldn't be any beneficiation needed, it would be mined 13 out, crushed, and the different grades of gravel would then 14 be sold off, you know, to the clients. Okay, the next 15 slide. And that's just another graphic showing the basic 16 phases. Okay, the next slide. Okay, so rollover mining, 17 we mentioned earlier, is according to our work and our 18 assessment pre the mining rights application. The rollover 19 mining concept really fits in well here, and the reason for 20 that is it firstly minimises the environment, the 21 liabilities that would be on the applicant, so you would 22 keep your active mining area, as mentioned before, to a 23 five and a four hectare site, and as you progress, you 24 would then start rehabilitating behind that, and what makes 25 this a very good process is also that the top soil</p>	<p style="text-align: right;">Page 76</p> <p>1 block is where you would do your monitoring of the 2 levitation. So that area is already considered to be done, 3 except that you would need to go back and just prepare or 4 replant certain areas because it was unsuccessful. So we 5 work on that four phases / four blocks' concept, you know, 6 as a worse-case scenario. And again just to reiterate, at 7 no point the active mining will be at a larger, will be 8 larger than 5 hectares for the sand and 4 hectares for the 9 aggregate at any given time. 10 [19:01] Okay, thank you. Let us go to this. Okay, so 11 there would be a 13.5 hectare area allocated for the mining 12 infrastructure, that's the processing plant, as I've 13 mentioned earlier, the drying plant, and so forth, 14 (inaudible) and so forth, and that is it for this section. 15 (Inaudible) this shows the progression of the mine and how 16 the levitation will follow, so I think we can skip these 17 images, unless there's a specific question. 18 DR DE WAAL: Alright, Mader, we are now 19 supposed to have the Need and Desirability by Mark, and 20 then you back again on the Rehabilitation. Why don't you 21 continue with the Rehabilitation, because it relates to 22 exactly what you've said now? 23 MR VAN DEN BERG: Okay, no problem, I can 24 do that. 25 DR DE WAAL: Mark, is that okay with you?</p>

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1 MR VAN WYK: It is, Dr De Waal, but I
 2 would just Mader to, I would just like, he touched on a
 3 point which I believe is crucial to (inaudible). If you
 4 look at the farm to the west of us and the mine over there,
 5 you will see there's a very, there's a vast open area, many
 6 hectares. I just want to reaffirm with Mader whether the
 7 same thing is going to be happening on this farm since he's
 8 in charge of rehabilitation, for monitoring the
 9 rehabilitation. He actually quoted the numbers and areas
 10 of hectares that will be open.

11 MR VAN DEN BERG: Yes, Mark, so yes,
 12 thank you for that, and Chair, again, as mentioned earlier,
 13 5 hectares for sand, 5 x 4 hectares for aggregate would be
 14 mined actively. That does not mean that's the only area
 15 that would be disturbed. As I explained it here, there
 16 would be area behind that that's in the process of being
 17 rehabilitated, and that's why we work on the maximum of
 18 four blocks that will either be actively mined in the
 19 process of rehabilitation. We've learnt that within two
 20 years, the vegetation establishment reaches very sufficient
 21 levels, and when you get to that point dust and visual
 22 impacts, and so forth, should be either very, very little
 23 or none. On the bottom of that page it speaks about the
 24 averages per year, and again I don't want to really go into
 25 this because that confuses some people, because if you talk

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1 about averages, it's literally just the area divided by 30,
 2 but let's work on that, and I want to show the last bullet,
 3 the second last bullet point there, "The average total
 4 disturbed area will be plus/minus 48 hectares per year as a
 5 worse-case scenario, that includes 36 hectares in the
 6 process of being rehabilitated, in other words, the
 7 difference between that is what will be actively mined.
 8 Mark, so you referred to the previous, or the mine next
 9 door, which I believe is Sweet Sensation. I'm not, I can't
 10 really speak about what they're doing there at the moment,
 11 so I don't want to compare that, if you would be satisfied
 12 with that answer.

13 DR DE WAAL: I think, Mark, the point
 14 that, Mader, the point there is just that next door, I just
 15 want to check, there's just something that was said in the
 16 previous meeting, but currently the mine, Sweet Sensation,
 17 which is an interesting name for a mine, I must say, is an
 18 operation that is causing dust, and so forth, whereas on
 19 this side the area that has been previously done for the
 20 prospecting has been rehabilitated, and there's not yet
 21 currently dust generating mining on the applicant's area,
 22 is that correct?

23 MR VAN DEN BERG: If I understand, ja, if
 24 I understood that question then wrong, sorry, let me
 25 confirm that, yes, on Goosebay Farm currently no mining and

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1 all areas that were mined under the mining permit has been
 2 fully rehabilitated, yes.

3 DR DE WAAL: Alright, please continue.

4 MR VAN DEN BERG: Okay, again I've spoken
 5 through this rollover mining concept, I don't want to go
 6 into too much detail there; immediately after that area has
 7 been mined, it will start being rehabilitated either by
 8 profiling and shaping, and we've mentioned this before,
 9 that the type of rehabilitation that would occur would go
 10 back to the typical grassland vegetation that is there
 11 currently, but we would like to improve the grazing
 12 potential of that area, so some extra species might or will
 13 be planted in or sowed in to increase that grazing
 14 potential. In the same, and I want to just mention that as
 15 well, is that the grass that's currently there will be cut
 16 and baled and used as a cover over the area that is being
 17 rehabilitated, and that would help a lot with dust
 18 management, and it also benefits the seed germination
 19 process by keeping the soil temperature even and holding
 20 moisture (inaudible) organic matter, so that's massive
 21 benefits from that perspective. So ja, that's the strategy
 22 that me and Robert was working on to get that as sufficient
 23 as possible.

24 DR DE WAAL: Mader, if I could just
 25 interrupt you for a second? Rene has just, I saw a message

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1 that she sent that she's having difficulty with her
 2 connection. I saw earlier that she hasn't got Wi-Fi, so
 3 she's connecting on her cell phone, so she will be
 4 connecting in and out as possible, but I think when we have
 5 the minutes available and the presentation available, as a
 6 matter of fact, or after the fact it may help her do that,
 7 and Sonette, just remember that we still have to show that
 8 clip when we get a bit further in the presentation. Mader,
 9 please continue?

10 MR VAN DEN BERG: Okay, so these graphics
 11 shows that rollover mining concept. You will see that
 12 there is also at phase, well actually from earlier on, ja,
 13 at phase 6 there's a fence in there, and that fence is
 14 there to prevent again from actually entering the area, and
 15 it's also for a safety reason for humans and for the game.
 16 The reason we need to keep the game out of there is as soon
 17 as you, as soon as now growth shows popping up, they
 18 immediately home in and just destroy that area; that's a
 19 lesson we learnt from the previous rehabilitation efforts,
 20 so the area needs to be fenced off and at least until
 21 there's about a 60% vegetation coverage before we can take
 22 it off. Just a side note of interest, that normally mines
 23 don't have that problem with animals, but here it is a
 24 problem. Okay, the next slide is just a continuation of
 25 that specific graphic. We can skip on -

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1 DR DE WAAL: Mader, can I just ask a
 2 question quickly for my own clarification? You used a term
 3 "(inaudible) area", no, you used the term "mining area". I
 4 just want to picture it correctly, and if I have it wrong,
 5 please correct me. I am busy mining in a particular block,
 6 as I move towards the next block I start preparing the
 7 block where I just mined, finished mining, I start
 8 preparing that to be seeded, in other words, I start
 9 fertilising, and so forth, and I put the seeds in and I
 10 cover that then with the cut-off hay or cut-off grass that
 11 you mentioned, and then for a year or so it's going to take
 12 for the seedlings to grow, that area will still then, will
 13 relatively be disturbed until year two or three or onwards
 14 it is fully grassed and fully grown, is that correct?
 15 MR VAN DEN BERG: Exactly correct.
 16 DR DE WAAL: Okay, thank you.
 17 MR VAN DEN BERG: I can't add anything to
 18 that. Okay, so again this is a continuation of those
 19 sections that were shown earlier, this is just shown on
 20 plan again, it shows how the four blocks, as we discussed
 21 earlier, will carry on and proceed when it's fully
 22 rehabilitated. Okay, the next slide. Then conceptual how
 23 the mine should progress, you can see on the left hand side
 24 it starts with the pre-mining environment, where it's
 25 currently just the grass, then the active mining

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1 environment, you have "truck and shovel", the middle
 2 section is where the progressive rehabilitation occur,
 3 that's preparation of the surface, some profiling that
 4 needs to occur, seedbed preparation, planting, and on the
 5 right hand side you can see the image there is where we're
 6 aiming at as a closure or a post-closure mining scenario.
 7 I think I've mentioned this now how we gained the
 8 experience from the previous mining activities and the
 9 rehabilitation efforts, I don't think I need to go into too
 10 much detail, this is just quite technical information, so
 11 we can skip this one, Sonette. Again soil tests required
 12 to make sure that whatever fertiliser that you add in there
 13 is sufficient for what you need to plant, we've done that
 14 extensively previously as well, so we know that lime is
 15 normally something that needs to be added because it's
 16 quite an acidic environment, it doesn't help a lot with
 17 seed germination. Okay, next slide. I've spoken through
 18 this Sonette, I think I don't need to go – okay, so this is
 19 quite an important image, it shows a pie chart of the
 20 existing scenario on the farm and the future mining that
 21 would happen there. So the farm in total is 858 hectares,
 22 and if you start at 12 o'clock and you go around clockwise,
 23 you can see what areas are allocated for what type of
 24 specific activity. The red and cultural fields, and then
 25 next to the red you would then start seeing how mining

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1 would occur, so that whole 363 hectares are divided up into
 2 30 pies or sections all the way from year 1 to 30, and it
 3 just shows like a little scenario of what you can expect,
 4 is that there would be for instance three or four years of
 5 rehabilitation already happening, and then there's exactly
 6 what we explained earlier, is the monitoring and
 7 reconstruction of habitats, top soil spreading and
 8 earthworks and the active mining area.
 9 DR DE WAAL: Okay, Mader, before you
 10 continue, you mentioned a bit earlier that the depth of
 11 mining would be in the order of 12 metres, it's unlikely
 12 that you will go deeper than that. I just saw an MMS
 13 coming up in which the question was whether the mining
 14 would be deeper than the level of the river, and I would
 15 typically this over to the question time because we've just
 16 now been discussion the depth of the mining, and I thought
 17 let's quickly address that issue if you can, in other
 18 words, the question was will the mining, in other words,
 19 the bottom of the mine area, will that be below the
 20 surface, the oppervlak area van die rivier, please
 21 translate that for me, if you can, or if you would?
 22 MR VAN DEN BERG: I will be 90% certain
 23 by saying that it won't, and the reason is that the areas
 24 that has that deep sand are quite far away from the river,
 25 and I'm just trying to think now back to the contours, but

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1 there's quite a big drop still down to the river, so from,
 2 as I say, I'm 90% certain it won't. There would be an
 3 interception of some areas where the water table is quite
 4 high; again, that's not my speciality field, I just know
 5 from being involved with the mine for such a long time, and
 6 the property, that in some areas the water table is quite
 7 high, but that should be addressed by the hydrologist, or
 8 if there's anyone else on this team that can answer that
 9 question better, then I'm happy to hand it over.
 10 DR DE WAAL: Alright, Nicki says she has
 11 to leave, apologies for that. Thank you for the time and
 12 we will ask Sonette, well they must make the minutes
 13 available. Mader, please continue.
 14 MR VAN DEN BERG: Okay, the next -
 15 MS SMIT: Mr Chair, can I please just ask
 16 before Nicki leaves that she just, if we can ask for
 17 everyone that wants to leave the meeting earlier, just make
 18 sure that your name and email address has been recorded in
 19 the chat box?
 20 DR DE WAAL: Thank you. Nicki, if you
 21 would just check that please, if you're still here. Mader,
 22 please continue.
 23 MR VAN DEN BERG: Ja, I'm also seeing
 24 here on the chat, I don't know if I can answer the last
 25 question that was posed by Thelma Kok about diamond mining

<p style="text-align: right;">Page 85</p> <p>1 that will be done on the northern and southern sides. I'm 2 not sure if that's a question – 3 DR DE WAAL: Yes, please do that now? 4 MR VAN DEN BERG: If I understand the 5 concern there, so we divided the sand deposit up into two 6 areas, there's definitely a northern sand deposit, and what 7 we call a "lane sand deposit", and it's two different 8 areas. Again, as mentioned earlier, according to 9 Dr Tanya Marshall's report, in both cases the diamonds may 10 be present underneath the sand in the (inaudible) that was 11 gravel, if you find the gravel, firstly you need to make 12 sure there's the gravel; that seems to be the primary 13 indicator first. 14 DR DE WAAL: Okay. 15 MR VAN DEN BERG: Okay, the next slide. 16 Okay, so I think, Robert, if you want to say something you 17 are welcome, I can skip through this, if you don't mind. 18 So as mentioned previously, some areas were mined before 19 under a permit, and under prospecting Robert took the 20 liberty of going out and taking photos of those specific 21 areas. Sonette, I think you can just slowly go through it 22 and just showing how the areas did recover, and we actually 23 did very well. So that specific photo on the left, sorry, 24 just go back one slide, on the left, so you can see there's 25 still a bit of a bare patch in the front there, it's a very</p>	<p style="text-align: right;">Page 87</p> <p>1 trampling, and they will always just concentrate in that 2 area, and that brought us to the conclusion that we will 3 definitely have to bring in fencing when we start doing the 4 mining to keep them out for a year or two. Okay, the next 5 slide. Ja, the same thing, the area is fully 6 rehabilitated, we're very happy with the way Robert did 7 that, thank you. 8 DR DE WAAL: I see there's quite a specie 9 diversity there. I assume that was by design, Mader? 10 MR VAN DEN BERG: Ja, we added some seeds 11 in to the topsoil that was spread out, so again, I'm not an 12 ecologist, but it actually, whenever I am there I can have 13 a look and I can definitely identify at least seven or 14 eight species, you know, in a small area, so – and weeds, 15 not too much of an issue. I know Robert did take out some 16 pampas grass that came up in some placed, but that was 17 isolated incidents, and never again, so ja, I think we're 18 very happy with that. 19 DR DE WAAL: Thank you. Listen, we are 20 now way different to the agenda. I just want to check, 21 we're now under the Farm Access Roads, but Mark, can we 22 keep your Need and Desirability of this just after this, 23 where you also have to do the End Use, then you can speak 24 to both issues at the same time, would that be acceptable? 25 MR VAN WYK: It will be indeed, Dr De</p>
<p style="text-align: right;">Page 86</p> <p>1 small area, and we actually know what went wrong there. 2 It's a bit on a side slope, and the topsoil washed off from 3 the rain, so we know that that's a risk area and we need to 4 protect those embankments much better than previous. So 5 that area typically is, if I can refer you back to the four 6 block or four phase rehabilitations, where the monitoring 7 would occur, and you would find areas like this still barren 8 or devoid of vegetation, then you would need to go back, 9 prepare that, fix whatever needs to be fixed, and replant 10 it - 11 DR DE WAAL: Mader, sorry, just to 12 interrupt, just for my own interest. How old, how many 13 years of growth do we have there in those two slides, if 14 you were to guess? 15 MR VAN DEN BERG: Three years. 16 DR DE WAAL: Okay, thank you. 17 MR VAN DEN BERG: Okay, the next slide. 18 That was a specific area. In the area that's identified as 19 the northern sand deposit there's a bit of a depression 20 there where water always collects, and I know that the buck 21 just love going there and always drink water from those, 22 and that's just rain water collecting there, and they just 23 love drinking that water. I would assume the water from 24 the Vaal River doesn't taste as good as that, and so we 25 have issues establishing vegetation there due to the</p>	<p style="text-align: right;">Page 88</p> <p>1 Waal, but if I could just ask before Mader finishes if he 2 could perhaps just explain the slide on page 25, or slide 3 25, just for the benefit of the IA and APs, just so we can 4 differentiate between the three mines, which may not be 5 clear to people who are not familiar with this project, 6 it's on page 25? That's with your permission, Dr De Waal, 7 I would appreciate that. 8 DR DE WAAL: Let's do so. 9 MR VAN WYK: Thank you very much. There 10 it is. 11 MR VAN DEN BERG: So the yellow area in 12 the centre is the application area, that is the area called 13 "Goosebay Farm". To the south or your east, yes, portion 14 4, Woodlands, that's the neighbouring farm, Chanaledi used 15 to mine there, I think they're in the process, I'm not sure 16 exactly what's going on there, so I don't want to say 17 anything, I haven't seen active mining there for a while 18 now, and then to the left, which is to the western side, is 19 Sweet Sensation under pump 228, they are currently actively 20 mining there as far as I am concerned. So when you are on 21 the Vaaloewer side, so Sonette, Vaaloewer is a little bit 22 to the right, a little bit to the right, and with your 23 mouse you can, no, no, right - 24 DR DE WAAL: (Inaudible) se kant. 25 MR VAN DEN BERG: Yes, a little bit more.</p>

<p style="text-align: right;">Page 89</p> <p>1 Ja, there, there, there. So that's Vaaloewer, and so if 2 you look across the river from Vaaloewer to your right, you 3 would then see Sweet Sensation Mine actively mined, and I 4 don't think you can really see Chanaledi, I believe there 5 is quite a bit of, ja, (inaudible) is where – 6 DR DE WAAL: (Inaudible). 7 MR VAN DEN BERG: Ja, that shows actually 8 very clearly, so I don't think you can see Chanaledi, but 9 definitely Sweet Sensation. 10 [19:21] DR DE WAAL: Alright, Sonette, if 11 possible, can we show the clip just after the roads 12 presentation that's going to happen now, if you're ready 13 for that. 14 MS SMIT: I will try my best to arrange 15 that, yes. 16 DR DE WAAL: I will tell you why, there's 17 a causal link between the road conditions and the road, and 18 Rene asked if that could happen, and I think if possible, 19 if not possible, we do it the other way, but it would be a 20 good place to put it? Right, Leon, it's all yours - 21 MR HARTSLIEF: Sorry to interrupt, I've 22 had my hand up, I would like to ask questions in connection 23 with the previous slide, Mr Chairman? 24 DR DE WAAL: Yes. 25 MR HARTSLIEF: Could we go back to the</p>	<p style="text-align: right;">Page 91</p> <p>1 have to consider the cumulative impact on climate and on 2 the people and the environment, and this has not been 3 addressed in this assessment at all. So I'm very pleased 4 Mark brought up that picture, because that exactly shows 5 what's going to happen in the future, and it's not good 6 enough to say we can do to DMR because that's going to take 7 six months, and by that time the wind is gone and we're 8 going to wait until next year, and there's going to be a 9 repeat. This cumulative impact is going to affect the 10 businesses across the road, all that dust is going to land 11 in the environment, where they've got tourism, we're going 12 to have tourists looking at what's happening, and they're 13 going to go back and tell their friends that it's not a 14 nice place to go on holiday, and we all know "word-of- 15 mouth" is your most important tool. Sonette, the 16 cumulative impact of the three mines is essential, and it 17 has to be done, and again, climate change hasn't been 18 addressed in these studies either. If climate change shows 19 up, this is going to be a windy, more windy, more turbulent 20 area. That hasn't been included in these studies, again 21 something that hasn't been included. Thank you, sir. 22 DR DE WAAL: Alright, I'm going to log 23 your record and log your comment, but I would also like 24 Sonette to respond to the issue of cumulative impacts, I 25 think that's a very relevant issue at the moment. Sonette,</p>
<p style="text-align: right;">Page 90</p> <p>1 slide where Mark asked, showing the different (inaudible), 2 Sweet Sensations and - 3 DR DE WAAL: The slide that had the three 4 mines on them? 5 MR HARTSLIEF: Correct. 6 DR DE WAAL: Page 23, I think it was. 7 No, not page 23. There we go. 8 MR HARTSLIEF: I'm not quite sure why, I 9 think Mark brought this up, but I would like to point out 10 at this stage, when you come in August and we have winds 11 coming across, and those winds are going to travel across 12 that area through the three mines, who's going to accept 13 responsibility? I'm talking now from the point of the 14 community on the northern side, who is going to - 15 DR DE WAAL: So you're talking – Sorry, I 16 interrupted you, please continue? 17 WARREN: Sorry. You have (inaudible) 18 dust (inaudible) that river, Chanaledi will say it's Sweet 19 Sensations, Sweet Sensations will say it's Goosebay. We 20 are - that's the problem of not looking at accumulative 21 effect, and that accumulative effect has not been addressed 22 in these assessments. We had a case in 2019 of, I think it 23 was the BP (inaudible) petrol station somewhere, and they 24 didn't consider the cumulative impact that it had on the 25 community, and the court case at the end of it said they</p>	<p style="text-align: right;">Page 92</p> <p>1 if you would? 2 MS SMIT: Ja, that is very relevant, that 3 is why it's so important that the mines keep within their 4 mitigation so that they have, they don't go over the levels 5 that they're supposed to, because if they mine the way the 6 reports are written and the mitigation measures that's put 7 in place, and Mader, you can correct me also if you want to 8 come in here, that would be typical to farming that 9 specific land, so that is the important part, they will 10 have to keep to their mitigation measures, and that's the 11 only condition that we can put in place at this stage - 12 DR DE WAAL: Does your study, sorry, the 13 question is, thank you for that, but the question is, that 14 I understood is if you study did consider cumulative 15 impacts? 16 MS SMIT: Yes, definitely, that's what 17 I'm saying, we have looked at cumulative impact, and that's 18 why there's specific mitigation measures that's enforced on 19 that specific site. You will see also with, there's a 20 previous slide that shows the plant, there was three 21 different options for the plant, move it away, as far away 22 as possible, and all of that was taken into account in 23 considering all the other impacts from the other mines in 24 the area. 25 DR DE WAAL: Okay, and then the other</p>

<p style="text-align: right;">Page 93</p> <p>1 question that – I actually -</p> <p>2 MS SMIT: Climate change.</p> <p>3 DR DE WAAL: Yes, climate change, please?</p> <p>4 MS SMIT: Yes, the climate change that</p> <p>5 was not part of the studies conducted, I've taken note of</p> <p>6 that, and I will, we will have to respond regarding what</p> <p>7 they're going to do with that.</p> <p>8 DR DE WAAL: Alright, now a stupid</p> <p>9 question. The gentleman that asked the question was too</p> <p>10 fast for me, or let me say I'm too deaf, I didn't get your</p> <p>11 name, the person that just now spoke about the socio-</p> <p>12 economic impacts and the need for cumulative impacts, what</p> <p>13 was your name?</p> <p>14 FEMALE SPEAKER: The display said</p> <p>15 "Warren"</p> <p>16 DR DE WAAL: Was it Warren? Alright,</p> <p>17 thank you, that was too quick for me. Sonette, the</p> <p>18 question about the socio-economic impacts, did that form</p> <p>19 part of your study?</p> <p>20 MS SMIT: Yes, the socio-economic impact</p> <p>21 was definitely done, and that was also one of the reports</p> <p>22 that was included, but that was done by Shango, it was</p> <p>23 before Green Mind, so that's one of the studies that was</p> <p>24 conducted in the -</p> <p>25 DR DE WAAL: Okay, so that has been</p>	<p style="text-align: right;">Page 95</p> <p>1 MR HARTSLIEF: For Mader about this. So</p> <p>2 where we're saying that 41% of 850 hectares is going to be</p> <p>3 mined, is that correct?</p> <p>4 MR VAN DEN BERG: Let me just go back to</p> <p>5 that slide. Did you work it out on a calculator?</p> <p>6 MR HARTSLIEF: I'm asking you, I don't</p> <p>7 really know.</p> <p>8 MR VAN DEN BERG: Just a second, I will</p> <p>9 work it out for you quickly. My maths aren't that great.</p> <p>10 Now I need to remember how you work it out, because I need</p> <p>11 to get a percentage here. Can we please get somebody</p> <p>12 quickly to assist me here?</p> <p>13 DR DE WAAL: Mader, I tell you what, let</p> <p>14 us do the road presentation, if all agrees, and then -</p> <p>15 MS SMIT: Mader, can I assist you, it's</p> <p>16 43%, but that's the complete allocated mining area, so that</p> <p>17 would be, it's not at any given time, it's the mining area</p> <p>18 of 363.5.</p> <p>19 MR VAN DEN BERG: Yes, so ja, if that's</p> <p>20 the percentage, then I agree with that, it looks more or</p> <p>21 less right, because half of that would be 425, 426</p> <p>22 hectares, so it looks right. So again what Sonette says is</p> <p>23 correct, over a period of 30 years, yes, that would be the</p> <p>24 percentage of the property being mined. Is there a</p> <p>25 specific question that I need to, a follow up question that</p>
<p style="text-align: right;">Page 94</p> <p>1 considered in your assessment, if I understand you</p> <p>2 correctly?</p> <p>3 MS SMIT: Yes.</p> <p>4 DR DE WAAL: Alright. Warren, thank you</p> <p>5 for that. That brings us to where, now to the Roads?</p> <p>6 MS SMIT: Yes, Mr Chair, the Need and</p> <p>7 Desirability is after the roads, we've moved that slide, so</p> <p>8 I'm not sure if that is not changed on the agenda, but</p> <p>9 we've moved it just for the sake of (inaudible).</p> <p>10 DR DE WAAL: Okay, no, it's not – I'll</p> <p>11 tell you what I have here, Sonette, is I have a copy of the</p> <p>12 previous agenda, I have the hard copy because it's easier</p> <p>13 for me to see the hard copy, so fully accept apologies, my</p> <p>14 sequence of the agenda may be incorrect. Leon, please</p> <p>15 continue?</p> <p>16 MS SMIT: (Inaudible) it just continues</p> <p>17 better. Okay, we're on Access Roads.</p> <p>18 DR DE WAAL: Leon, it's all yours.</p> <p>19 MR HARTSLIEF: (Inaudible), Mr Chair,</p> <p>20 I've had my hand up, thank you.</p> <p>21 DR DE WAAL: Please just say, sorry, I</p> <p>22 can't see it, so whose hand is up?</p> <p>23 MR HARTSLIEF: Bob Hartslied, I just have</p> <p>24 a question -</p> <p>25 DR DE WAAL: Okay, Bob, please continue.</p>	<p style="text-align: right;">Page 96</p> <p>1 I need to answer about that, Bob?</p> <p>2 MR HARTSLIEF: No, no, thank you.</p> <p>3 MS SMIT: And Mader, just to add, it's</p> <p>4 only one percent that would be actively mined every year on</p> <p>5 the farm.</p> <p>6 MR VAN DEN BERG: Thank you, I appreciate</p> <p>7 that.</p> <p>8 DR DE WAAL: Alright, Leon.</p> <p>9 MR ROETS: Yes, Chair, I'm ready.</p> <p>10 DR DE WAAL: I'm going to give it another</p> <p>11 good shot to see if I can get you started. (Inaudible).</p> <p>12 MR ROETS: No, thank you, Chair. I'm</p> <p>13 just waiting for the slide, then I will start. Okay, it's</p> <p>14 Leon Roets speaking, traffic engineer, I've joined late.</p> <p>15 So to start this topic is the access to the development</p> <p>16 will be from Road S171, and it's at an existing farm access</p> <p>17 road. It is important to note that the studies that is</p> <p>18 part of the traffic impact assessment is for the external</p> <p>19 road network, and not for the internal operations at this</p> <p>20 point in time. There will be a need as the process proceed</p> <p>21 and approvals have been obtained then to look on access</p> <p>22 control and the parking of the vehicle on site, and so</p> <p>23 forth, when it's relevant. Okay, we have taken into</p> <p>24 consideration two phases: the construction phase and the</p> <p>25 operational phase. That is the two phases where you can</p>

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1 expect the most traffic, but what is important is that from
 2 a traffic engineering point of view we are not pavement
 3 design engineers, but we make recommendations in terms of
 4 looking in terms of road safety, so road safety and
 5 pavement condition is parallel, so we've made certain
 6 recommendations in terms of that. So if you look to the
 7 next point on the slide, is that the visual investigation
 8 of the road were conducted when the study was done in 2018,
 9 in late October, and it was evident that the road condition
 10 is in a dilapidated state, and it is therefore important
 11 that certain actions have to be taken. We've looked to
 12 capacity issues, so when we talk about capacity in terms of
 13 traffic engineering, that implies whether the road will be
 14 able to accommodate the traffic, so where there is reserve
 15 capacity, and so forth. So what came out of the study is
 16 that all the improvement that have to be conducted is from
 17 a road safety point of view and not from a capacity point
 18 of view. Yes, there's a number of trucks and a significant
 19 number of trucks that will be there, but it is still worth
 20 that number of trucks, the improvements that is required is
 21 from a road safety perspective. So we use COTA, COTA is C-
 22 O-T-A, it's the guidelines that is used for traffic
 23 engineering and pavement design also lately, it's a
 24 document that have been prepared by SANRAL through a
 25 committee of transport officials, so in all provinces it's

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1 used as the norm in order to conduct the studies and get up
 2 with an answer to the story. What is important to realise
 3 is that the road S171 is a provincial road, and it relates
 4 to the Department of Police, Roads and Transport Free
 5 State, so it is important to take that in consideration,
 6 and it's normal practice in the impact studies that as part
 7 of the EAA process the shortcomings is identified and then
 8 as part of a condition of the approval of the mining rights
 9 then there will be conditions. So one of these proposed
 10 conditions that we have recommended is that there should be
 11 a road maintenance plan or management plan, and what we've
 12 learnt from previous experiences at cluster mining is that
 13 you have to drive the process, it is not something that
 14 will come to you, the province will not suddenly arrive at
 15 your property and start to upgrade the road, but it's
 16 important that the mine is also generating, or any
 17 development in that area, whether it's tourism or mine or
 18 the private sector, we're all paying tax, or you're paying
 19 tax and the mining industry is also paying tax, and there's
 20 a huge Fiscus that is going through the benefit of
 21 government at the end of the day from all the parties in
 22 that area, and this can be used as a drive in order to get
 23 a process in place in order to maintain the road and get
 24 the road in place. But so from that perspective it is
 25 necessary that you, typically the things that need to be in

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1 the road maintenance plan will be to get the correct design
 2 of the road, to check whether the design currently is
 3 correct; obviously it is not correct, and then the relevant
 4 parties related to this road, and when I say "relevant
 5 parties related to the road", obviously the number one
 6 party is the province because the road belongs to them,
 7 nobody can work on the road unless there is an agreement
 8 signed between the parties, but there's also other road
 9 users in the area, and I am specifically referring to other
 10 mines for example in the area that is also using the road,
 11 so it requires an accumulated effort in order to resolve
 12 and come up with a plan, so this plan will determine what
 13 is the road quality that should be without being a pavement
 14 designer, but they normally design the road span between 20
 15 and 30 years, and what is required in order to maintain
 16 this for 20 to 30 years, or let's say it is then for the
 17 30 years, how often maintenance have to be done, who will
 18 do it and how can it be mitigated between all the parties
 19 to be to the benefit of everyone. What is further
 20 important is that the intersection of Boundary Road and
 21 S171 was also investigated, and there it will be necessary,
 22 and also at the entrance to the facility that dedicated
 23 right hand lanes be provided from a safety perspective so
 24 that when trucks or any vehicle are waiting to turn right,
 25 that it is conducive and safe, and then there is typical

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1 elements such as lights, overhead lights at these
 2 intersections in order to make it visible and safe in
 3 general. So if all these are implemented, then we foresee
 4 that it will be manageable and the impact will be able to
 5 be controlled. I think what is lastly important for me,
 6 Chair, is that one can have, we all read from the
 7 newspapers and social media that road conditions in South
 8 Africa, specifically in the Free State, is probably not as
 9 good as it should be, and we often hear from accidents.
 10 Those accidents happen not only because of trucks, it is
 11 normal light vehicles that are trying to miss a pothole or
 12 get a flat wheel when going through a pothole and the
 13 vehicle are rolling. So these fatal accidents that are
 14 taking place range from, it is even dangerous without the
 15 trucks, so it is important that one, in the interest of the
 16 community in that area that one looks through an overall
 17 plan which parties can, the relevant parties can set up a
 18 structure in order to finance, and also get it on the
 19 budget of the province and whoever is relevant and come up
 20 with a proper structure in order to manage it at the end of
 21 the day.
 22 [19:41] It is important for the mining development also;
 23 if there is no access, then they can't import and export
 24 their material, so it is definitely important from an
 25 economic point of view that proper access be provided.

<p style="text-align: right;">Page 101</p> <p>1 Thank you, Chair.</p> <p>2 DR DE WAAL: Thank you very much.</p> <p>3 Listen, there was a hand up, I saw a message from Rene</p> <p>4 Hartsliel, that she wanted to ask a question about the</p> <p>5 socio economics, but then I missed her hand. Will you guys</p> <p>6 mind if I quickly give Rene a chance now? Rene, you have</p> <p>7 got the floor.</p> <p>8 RENE: Sorry, I'm just trying to log in</p> <p>9 again. Carry on please, I will try and bring up socio-</p> <p>10 economic impact and the economic impact studies that were</p> <p>11 done on behalf of (inaudible), and I will put those</p> <p>12 documents into the chat.</p> <p>13 DR DE WAAL: Okay, thank you for that.</p> <p>14 Please continue then? Leon, jy is klaar, né?</p> <p>15 MR ROETS: Ja, I am finished. I think</p> <p>16 what is just on that second map is only where the road is</p> <p>17 and where the road is, yes, I am finished.</p> <p>18 DR DE WAAL: Alright, that brings us then</p> <p>19 to the Need and Desirability (inaudible) -</p> <p>20 MS SMIT: There are two other hands up.</p> <p>21 DR DE WAAL: Alright, please guide me who</p> <p>22 is first?</p> <p>23 MS SMIT: I think Michael and then</p> <p>24 Warren.</p> <p>25 DR DE WAAL: Okay, Michael first.</p>	<p style="text-align: right;">Page 103</p> <p>1 they came to the stop sign at the end of our S171, they</p> <p>2 turn right, they drive about three kilometres and they join</p> <p>3 the N1 and head north? Now there's been a beautiful, that</p> <p>4 road is empty, and the main reason it's fairly empty is</p> <p>5 there's a pretty heavy toll just below the R59 called the</p> <p>6 "Vaal Toll Gate", and then of course the trucks object, or</p> <p>7 their bosses do, the truckers object if they're paying. If</p> <p>8 they go that way, then obviously they're going to pick up,</p> <p>9 eventually they're going to pick up Grasmere, but they will</p> <p>10 pick up Grasmere anyway the route they're going now. Now</p> <p>11 you must have, in doing that survey, you mentioned the</p> <p>12 potholes on the S171, but the trucks having gone down</p> <p>13 Boundary Road, you can see it on your map, they join the</p> <p>14 motorway access road, you couldn't go up there and head</p> <p>15 north, because it's only southbound access, they turn right</p> <p>16 at the end of Boundary Road, they go along the R42 for</p> <p>17 almost exactly two kilometres, and they turn left before</p> <p>18 the Loch Vaal Hotel and they go up five kilometres of a</p> <p>19 local access road to join the other Potch Road, catch the</p> <p>20 Potch Road, I'm not sure of the number, turn left, head</p> <p>21 west, and two kilometres away they catch the motorway. Now</p> <p>22 that piece of road between the R42 and the Potch Road has</p> <p>23 been totally destroyed, and down again Roads come and fix a</p> <p>24 few potholes, but it's totally destroyed. Now even if they</p> <p>25 rebuild it, unless they build it to the correct spec, that</p>
<p style="text-align: right;">Page 102</p> <p>1 MICHAEL: Good evening, can you hear me?</p> <p>2 DR DE WAAL: I can year you well.</p> <p>3 MICHAEL: Okay, Leon, it is addressed</p> <p>4 really at Leon, I will be quick. You made a valid point</p> <p>5 about the potholes, but apart from the fact that there's</p> <p>6 plenty of evidence here that the potholes down, I think</p> <p>7 it's the 171, and the potholes in Boundary Road and roads</p> <p>8 in that area are being generally caused by the sand trucks,</p> <p>9 they may not be your sand trucks, but by the sand trucks,</p> <p>10 and you made a valid point that we build roads, you know,</p> <p>11 with a 20 to 30 year horizon. Most of the roads going down</p> <p>12 Boundary Road across the river, the part of the R42 that</p> <p>13 the truck use, they were built more than 30 years ago, and</p> <p>14 in that period SANRAL and the toll companies have built a</p> <p>15 beautiful piece of highway called the N1. It is not, from</p> <p>16 the south end there is no toll because the toll is beyond</p> <p>17 the R59, but the trucks insist on going down Boundary Road</p> <p>18 onto the R42, along the road they call "Loch Avenue", to</p> <p>19 join the N1 up by that BP Garage that you can't see the</p> <p>20 access, the access of off that map. Now my point is, what</p> <p>21 would be, you know, how would it be possible because you're</p> <p>22 not in control of necessarily the truckers because they are</p> <p>23 contractors, wouldn't it be possible when you do get, I</p> <p>24 mean, we're going to have about ten to fifteen times more</p> <p>25 trucks that there are now, and wouldn't it be possible if</p>	<p style="text-align: right;">Page 104</p> <p>1 road will continue to be a major problem. It's only five</p> <p>2 kilometres, but if you've driven around there and studied</p> <p>3 the whole area, you can see that that road is totally</p> <p>4 destroyed. Have you any comment on that?</p> <p>5 DR DE WAAL: Alright, your point firstly,</p> <p>6 just to confirm that your point is noted and recorded.</p> <p>7 Leon, any comment or response on that?</p> <p>8 MR ROETS: Thank you, Chair. I think the</p> <p>9 point is valid, the question is who is responsible for that</p> <p>10 specific road and to what extent do you make a specific</p> <p>11 person or company or organisation responsible for roads.</p> <p>12 So it is so, an operational way needs to be in future</p> <p>13 there. I think the one thing we can't at this point obtain</p> <p>14 is what is the market and to which direction the material</p> <p>15 will be transported and what will be there, but in general</p> <p>16 I understand what the point is, but there is up to a</p> <p>17 certain point that a specific organisation can take</p> <p>18 responsibility for what is on the table and repair and fix</p> <p>19 it, and ja, so that in my opinion, if you go to the R42 and</p> <p>20 those type of roads, then you are, it's a different road</p> <p>21 authority, for example probably that one belongs to</p> <p>22 Gautrans, Gauteng. In terms of the traffic -</p> <p>23 MICHAEL: Gautrans, yes, that is correct,</p> <p>24 that's Gautrans.</p> <p>25 MR ROETS: Ja, so in terms of the traffic</p>

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1 impact assessment we were bound to the Free State side, not
 2 because it is Free State, but that is what was regarded as
 3 the impact area of the mine, but with that I'm not saying
 4 that Lochner Road/Avenue and the R42 is not important. I
 5 think it is important and it's in the interest of everyone,
 6 but who must pay the bill is certainly a different
 7 question.

8 MICHAEL: Okay, thanks, and just quickly,
 9 as said, the owners of the mine, the producers, you know,
 10 the trucks come in, take the sand away, or the aggregate,
 11 and it won't matter about diamonds because they're not so
 12 heavy, they take the aggregate away and there's probably no
 13 control over why, over being told you must turn right, head
 14 up to the N1 at the interchange with the R59, and generally
 15 the trucks are heading north, because where's all the
 16 business, in Gauteng. So as a transport engineer you could
 17 probably (inaudible), the one solution could be to put a
 18 weight limit on Boundary Road, maybe not the R42 because
 19 it's a motorway access road, but Boundary Road and this
 20 Loch Avenue that I'm talking about joining the R42 to the
 21 Potch Road, and if you put a weight limit, then obviously
 22 it will force heavy trucks, whether the sand or road
 23 tankers, or whatever they are, to take another access.

24 DR DE WAAL: Leon, your comment on that?
 25 MR ROETS: Chair, I take note, ja, I take

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1 note. I regard it as a comment and I take note.
 2 MICHAEL: Thanks, thank you.
 3 DR DE WAAL: If I may go out of my role,
 4 forgive me, but I've got a question myself regarding this
 5 issue. Leon, you spoke about a traffic master plan. Are
 6 these the type of things that would be addressed in a
 7 traffic master plan, and how would one ensure that these
 8 issues get contained in the subject matter of a traffic
 9 master plan in your experience?
 10 MR ROETS: Chair, firstly what we said
 11 it's a management plan, so we did not talk about a master
 12 plan, a road master plan -
 13 DR DE WAAL: Sorry, I'm semantically, I
 14 was always going to say what my wife would have said, but I
 15 made a mistake, I meant the management plan.
 16 MR ROETS: No, thank you, Chair. I think
 17 what is important in terms of the management plan and the
 18 maintenance plan that we're speaking about is the hard core
 19 sections that is directly relevant to the mine. What it
 20 needs to do on the other sections, it can be mentioned as
 21 part of the discussions and it can be taken up. There is
 22 (inaudible) transport plans being prepared by Province and
 23 local Municipalities, the local Municipalities, and I
 24 suppose that makes Sedibeng, the metros also, and it is
 25 there, but one must as part of public participation raise

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1 it and bring it under their attention, ja. Yes, what is
 2 important when you said the integrated transport plan is
 3 then, then it includes full users, not even the mining area
 4 that we're talking about now, but it must include, it will
 5 include all industrial and all other people also, the road
 6 users. I think you can get, for example the farmers are
 7 also there with the trucks certain times of the year, and
 8 so forth, and so forth. They are not at least the quantity
 9 of the mine, for example, but there's different role
 10 players in this whole exercise, and ultimately the
 11 responsible party for building the roads are the
 12 government. By providing this at the mine is part of
 13 development and improvement of the road in terms of the
 14 development specifically, but it is necessary to understand
 15 that there is boundaries or there's limits up to where it's
 16 feasible to look to what is directly the mine's
 17 responsibility.

18 DR DE WAAL: Alright, thank you for that.
 19 Sorry, I am postponing the meeting myself by adding
 20 questions. Rob, was your - Sonette, I cannot remember,
 21 somebody else's hand was up now after Michael.
 22 MS SMIT: Warren.
 23 DR DE WAAL: Warren, if you would.
 24 WARREN: Thank you, Chairperson. I think
 25 all these comments that we've just heard now point us back

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1 to the original problem, that mining in this area was not
 2 supposed to have taken place. When there's mining in an
 3 area like this, or there is rezoning, it is up to the
 4 Municipalities or the regional persons to interact with
 5 their neighbours, and that includes across boundaries,
 6 provincial boundaries, and this is one of the flaws,
 7 because there wasn't public participation in the early
 8 processes of the mining, and that is why we say this is an
 9 illegal process that's been going on. The area is still an
 10 agricultural are, and it hasn't been rezoned, and this is
 11 why we are sitting with all these problems. As far as the
 12 roads are concerned, there has been a study, I think it's
 13 2014, of the viability of the Free State roads being
 14 improved. I forget the exact kilometres, I have it on
 15 record somewhere, of the tarred roads and the untarred
 16 roads just in the Ngwathe area, it's an enormous amount,
 17 and we know the whole of Free State is bankrupt, they
 18 haven't got money to do this. That is the problem that
 19 we've been sitting as a local community trying to keep
 20 these road in a condition that is at least fairly safe just
 21 from normal access. The customers, the visitors in this
 22 area are suffering, the people who live in this area are
 23 suffering. The roads that travel, aag, the trucks that
 24 travel in this area, half of them are unlicensed, the
 25 drivers are unlicensed and are unroadworthy. We've had

<p style="text-align: right;">Page 109</p> <p>1 Ngwathe Traffic Department that come there and pull them 2 off, and that's been going on a number of occasions, and 3 it's easy for the mine to say, but that's not their 4 responsibility, but it is your social responsibility. So 5 it's so easy to say mitigate, but we know when it comes to 6 practicalities, we're looking at something completely 7 different. That's all I'm going to say for now on that, 8 thank you.</p> <p>9 DR DE WAAL: I'm going to record that as 10 a comment and an observation and have it minuted, but I 11 must say, in my own experience over many years that is, 12 often the difficulty is that the government due to the 13 financial and (inaudible) scenarios do not seem to have the 14 capacity at times to carry the load that they were supposed 15 to be carrying, but let me not go there, then I will have 16 to rule myself out of order, so I've just ruled myself out 17 of order. Who is next?</p> <p>18 MR ROETS: Sorry, can I just add in there 19 quickly?</p> <p>20 DR DE WAAL: Yes.</p> <p>21 WARREN: The previous weekend we had the 22 impact study there for Sweet Sensations. Their road 23 specialist at that meeting told us the roads, the condition 24 that they are at the moment is a no go, there shouldn't be 25 mining in the area, thank you.</p>	<p style="text-align: right;">Page 111</p> <p>1 difficult to do both because there won't be a screen to 2 show. Sonette, to make it easy, let's give you a minute or 3 two to see if you can get it up. If you can't get it up, 4 we'll continue and make another plan.</p> <p>5 MS SMIT: Okay.</p> <p>6 RENE: Sorry, I dropped out of the 7 meeting again. I'm not sure where I left off.</p> <p>8 DR DE WAAL: Rene, what's happening is, 9 while you were coming back, we tried to put up your video.</p> <p>10 RENE: Okay, alright.</p> <p>11 DR DE WAAL: So give us two, I will give 12 Sonette about two or three minutes to put the video up. If 13 that doesn't work, then we will come back and continue the 14 screen that you've seen before, and then of course you will 15 have the floor.</p> <p>16 RENE: Okay, thank you.</p> <p>17 DR DE WAAL: What I did say while you 18 were off was that I read, you put (inaudible) on the socio- 19 economic findings of the previous study, and I read that.</p> <p>20 RENE: I'm glad somebody read it. 21 [20:01] The economic benefit, there is no economic 22 benefit, there are only down sides, and the summary that 23 I've taken is quoted directly in the words of Enviroworks, 24 whose two surveys were buried by Shango and never submitted 25 to the DMR, and I'm afraid it's going to happen again.</p>
<p style="text-align: right;">Page 110</p> <p>1 DR DE WAAL: Your point is noted and 2 minuted. Right, that brings us to – Sonette, any hands 3 I've missed so far? Let's continue, that brings us to the 4 (inaudible) -</p> <p>5 MS SMIT: Rene Hartslielief.</p> <p>6 DR DE WAAL: Okay, Rene, your hand is up.</p> <p>7 RENE: Hi, can everybody hear me, it says 8 my internet connection is unstable?</p> <p>9 DR DE WAAL: I can hear you well.</p> <p>10 RENE: So -</p> <p>11 DR DE WAAL: I saw that piece you sent on 12 the SMS about the previous studies, I read that. Rene, 13 I've lost you now. While Rene is coming back, Sonette, 14 would it be possible to play that video?</p> <p>15 MS SMIT: I can certainly try. Can I 16 pause the share so that I can just see if I can get it up 17 on the screen?</p> <p>18 DR DE WAAL: Yes, do that.</p> <p>19 MS SMIT: Can everyone just bear with me. 20 I don't know if -</p> <p>21 DR DE WAAL: Let's try.</p> <p>22 MS SMIT: If we want to continue asking 23 questions to some of the specialists while I just get this 24 technicality -</p> <p>25 DR DE WAAL: Alright, we can. It's</p>	<p style="text-align: right;">Page 112</p> <p>1 DR DE WAAL: Alright, your comment and 2 your concern on that is noted and recorded.</p> <p>3 RENE: Thank you.</p> <p>4 DR DE WAAL: Sonette, I don't want to 5 waste too much time. Are you winning –</p> <p>6 MS SMIT: (Inaudible) the video needs to 7 download, so I'm going to try and see if they download in 8 the background, so can you just continue -</p> <p>9 DR DE WAAL: Alright, let's continue 10 then, we will do it later.</p> <p>11 MS SMIT: Yes, I'm sorry, I'm very sorry 12 about that.</p> <p>13 DR DE WAAL: So we're now finally at Mark 14 again in Need and Desirability, is that correct, Sonette?</p> <p>15 MS SMIT: That's correct, yes.</p> <p>16 DR DE WAAL: Remember, I may have the 17 wrong agenda in front of me now, the old agenda. Okay, 18 Mark, if you would?</p> <p>19 MR VAN WYK: Thank you, Dr De Waal. Dr 20 De Waal, the points relating to Needs and Desirability of 21 the project are set out at slide 64 and following, they're 22 fairly straightforward points, so I'll just read them into 23 the record. "Sand Mining", it says "Mining", but it is in 24 fact "Sand mining and aggregate mining is important for 25 economic development to construct durable modern</p>

<p style="text-align: right;">Page 113</p> <p>1 structures, employment creation and revenue collection. 2 The proposed site has previous sand mining activities known 3 to provide good quality silica sand to the local and 4 regional building industry. This type of sand is commonly 5 utilised in concrete mixtures in the construction industry, 6 the sand is also used for mortar and rendering of plaster 7 walls. The project site is located in Ngwathe Local 8 Municipality, and according to the Municipality's 2018/2019 9 Local Economic Development Strategy the identified economic 10 sectors of the Municipality are tourism, agriculture, 11 manufacturing and mining. We propose tourism and mining 12 take place on the site, as well as obviously agriculture.” 13 DR DE WAAL: Okay. 14 MR VAN WYK: Continuing on the next 15 slide, page 66 or slide 65, "Extensive investigations and 16 market research over at least the past five years conducted 17 by MCCP and others has revealed that there is a shortage of 18 alluvial silica sand in the Pretoria Witwatersrand Vaal 19 industrial complex." And this is an important point, 20 "Alluvial silica sand has a greater utility than silica 21 sand that is created by means of crushing processes. So 22 certainly you can take rocks and crush it to get silica 23 sand, but it gives you a jagged particle which is 24 problematic in certain applications, particularly in 25 foundry applications, and so on, which is why silica sand</p>	<p style="text-align: right;">Page 115</p> <p>1 comment – when you started off I asked a question about the 2 link between the inland use and that. So this is in 3 addition to what you said earlier when the meeting started, 4 what we have here is envisaged inland use, is that correct? 5 MR VAN WYK: Correct, Dr De Waal. 6 DR DE WAAL: Alright, I just wanted to 7 understand. Please continue. 8 MR VAN WYK: Yes, thank you very much. I 9 wonder if I could ask Sonette just to put up the brochure 10 relating to the eco and river estate, the IAPs can read 11 through the contents of the presentation, I will take them 12 briefly through the points in the presentation. I just 13 point out that, "The applicant or the applicant group of 14 companies offers an environmental authorisation for the 15 establishment of an eco-estate, with residential resort and 16 conservation land uses. Certain", I'm just going to re- 17 emphasise this, "Certain areas" - 18 MS SMIT: (Inaudible) – Sorry, can I just 19 interrupt, can everyone see this screen of the brochure? 20 DR DE WAAL: I can see it - 21 MS SMIT: (Inaudible) 22 DR DE WAAL: I can see a slide saying 23 "Goose Farm Location", "Goosebay Farm Location" - 24 DR DE WAAL: Sonette, if you can just 25 hold on there for just a moment, please, then we will get</p>
<p style="text-align: right;">Page 114</p> <p>1 is a strategic mineral, as identified by the government.” 2 I continue, "Furthermore, many of the previous existing 3 abundant silica sand, alluvial silica sand mines located in 4 the Vaal Triangle, such as Copper Sunset, Sky Sand and 5 Mission Point Mines on the verge of being exhausted, thus 6 making the mining of the existing resource at the Pure 7 Source Mine both necessary and desirable with regards to 8 economic considerations." I continue, the important parts 9 are in red highlighting, "The economic impact of the mine 10 is of great significance. The economy will be directly 11 stimulated by the royalties and taxes payable by MCCP. 12 Many jobs will be created directly by the mine, and hundreds 13 of persons will be supported directly from these said jobs. 14 Many jobs will also be created indirectly by the mining 15 operations by the supply and maintenance of the equipment 16 used by the mine, as well as through its horizontal and 17 vertical integration in the mining sector, including but 18 not limited to transportation, marketing, resale, mine 19 supply, beneficiation and a host of other commercial 20 activities, and finally, in conclusion, the economy will be 21 greatly stimulated from the commercial activities referred 22 to above relating to and caused both directly and 23 indirectly by the mine." That is it, Dr De Waal. 24 DR DE WAAL: Thank you. Mark, the inland 25 use, when we started the presentation – Rene, I note your</p>	<p style="text-align: right;">Page 116</p> <p>1 to that. "Certain areas of the application area are 2 currently utilised for agricultural purposes in the form of 3 game farming, free range grass fed livestock farming, 4 production of free range eggs, crop and vegetable 5 production and eco-tourism. Further agricultural products 6 currently in planning for implementation in the near future 7 include planting of fruit tree, fruit tree orchards, pecan 8 nut trees, as well as fish farming and eco-tourism." Okay, 9 I just want to read down this. This is a very important 10 point, and I would just like the IAPs to consider this, 11 "Should the applicant not conduct mining activities, there 12 is no doubt that other parties will apply for mining 13 authorisation. So should I for whatever reason decide not 14 to conduct mining activities, somebody else will come and 15 apply for a mining right, and that's one of the principle 16 reasons why I applied for the mining rights, because I 17 didn't want third parties destroying my farm and the area 18 around my farm, and I might add, negatively effecting the 19 outlook and prospect of IAPs and the enjoyment and 20 utilisation of the land. I would suggest respectfully to 21 IAPs that it's better that one of their neighbours, i.e. 22 me and my group of companies, who are concerned about your 23 wellbeing, attends to the mining and not some nameless 24 corporation potentially controlled from out of the country, 25 who has got no concern about your wellbeing and interest."</p>

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1 I just continue with what's in the presentation. The
 2 closer objective is to develop the farm portions as an eco-
 3 estate with residential and hospitality facilities on the
 4 banks of the Vaal River. I point out that the necessary
 5 environmental authorisation was obtained more than a decade
 6 ago, this confirming the land owner's intentions in this
 7 regard. We've got a record of decision, okay, and also
 8 this is important, mining is an interim land use and will
 9 be conducted in a sensitive manner that will not have a
 10 negative impact on the wildlife, and insofar as possible on
 11 my neighbours, who are the IAPs. And if I could just you
 12 through, quickly through the brochure. Sonette, just show
 13 them the next image in this series, please? We've
 14 discussed this one already. Just the next image, please.
 15 This is important, as I said to you, we're working with
 16 Mader and his company, Skets. You can see what he's done
 17 there, he's analysed the proposed estate to show that we've
 18 maintained the agricultural utilisations on those areas of
 19 land that have got high agricultural potential. You can
 20 see where the silica sand is going to be removed and the
 21 aggregate is going to be removed, we will create water
 22 features in those voids, obviously we'll have to apply for
 23 a water use licence to do that, we're in the process of
 24 putting that entire application together. Sonette, if you
 25 would like to just move along, please? Sonette, there's

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1 actually, there's a brochure for the eco estate, if you can
 2 just -
 3 MS SMIT: Yes, so you can continue with
 4 the brochure now.
 5 MR VAN WYK: Ja, you can just see from
 6 this that currently the income for Goosebay Farm, we derive
 7 it from eco-tourism, we rent out log cabins and camping
 8 sites, there's hunting and culling of game. I know hunting
 9 is distasteful to many people, but the thing is, if you're
 10 going to conserve your game, you have to cull certain of
 11 the species from time-to-time to maintain your sex ratios,
 12 the bloodlines, integrities of the herd, and so on, and so
 13 on. Okay, and another thing is you can see that the
 14 farming activities cover approximately two million square
 15 metres of the farm currently, and will continue to do so in
 16 the future; those areas are not going to be mined. If you
 17 could continue, please, Sonette? Let's just show them the
 18 brochure. Okay, the next slide, please? The next slide,
 19 please? We've seen this one. The next one, please? And
 20 we've discussed this one. Okay, the next one, please?
 21 This is important, these are the kind of units that we want
 22 to build pretty much in the area where the existing resort
 23 is. At the moment we've got wooden cabins, we want to
 24 replace them with these more upmarket units. Mader's
 25 company will probably be involved in the design of these

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1 units as well. These are just concepts, but it's pretty
 2 much along these lines. You can see these are units which
 3 will have a very low impact on the environment, they're
 4 built from a lot of the materials that we'll find on the
 5 farm, the aggregates and what have you, they will have
 6 solar panels on them, natural cooling methods, and so on,
 7 and incidentally, these units will make up part of a
 8 wedding venue we propose to build there. Let's continue,
 9 please, Sonette? More images of the units. Obviously, I
 10 can tell you my company has got a lot of experience in
 11 building these kind of things, regulating their
 12 construction, that kind of thing. This is just conceptual
 13 stuff, again compiled by Mader's company, showing the
 14 interaction of units where you've got environmentally
 15 sensitive areas with the wetlands, and so on, and so on.
 16 You can continue, Sonette. More complex detail. There is
 17 images of the wedding venue that we propose to build. More
 18 details, more details. Existing buildings on the farm
 19 where the staff stay. We're looking at upgrading them,
 20 there is some ideas. We're reluctant for, we're reluctant
 21 to destroy anything that's on the farm for historic
 22 purposes. I can just add that there are ruins from the
 23 Anglo Boer War, which we're very concerned about, very
 24 proud of; those will never be disturbed. There you can see
 25 there is proposed camp for buffalo and other exotic species

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1 that we might want to put in there, like protected
 2 antelope, and so on. Keep on going, please, Sonette? More
 3 studies and investigations conducted by Mader, you will see
 4 the kind of fencing. This is important, you can see the
 5 storerooms that we want to build on the farm. If you could
 6 stop there, just go back, please, Sonette, to those images?
 7 What we propose to do, any structures that we build on the
 8 farm – Sonette, if you could just go to the images please,
 9 and the photos? They must fit in with the proposed estate
 10 that we want to build there, and also any structures that
 11 are built during the mining process must have a post-mining
 12 utility. Sonette, if you could carry on, please? The
 13 variety of dams that we want to build to enhance the
 14 capture of rainwater runoff to develop water catchment
 15 areas in an environmentally sensitive fashion. Detail, you
 16 can see over there, quite important, you can see details of
 17 the resort and the wedding venue that we wish to build
 18 there. We can send you these brochures so that you can
 19 look at them in your own time. You can see a great deal of
 20 work and thought has gone into this from Mader, a great
 21 deal of analysis. Okay, the various boreholes that we
 22 drilled all over the farm to establish where the water was
 23 on the farm and utilise it in an environmentally sensitive
 24 and sustainable fashion. Again the agricultural areas, how
 25 we are going to ultimately utilise those, and we are in

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1 fact doing that at the moment. I see Sonette has gone past
 2 that, that is fine. And the proposed pecan nut groves
 3 again, Mader is assisting us planning how to best build
 4 those, where we're going to put them up. Keep on going,
 5 please, Sonette? We have seen this already, Mader
 6 explained this to you. Just go on please, Sonette? The
 7 processing plant, we examined three options, we picked the
 8 one that was the furthest away from IAPs, the one that we
 9 believed would cause the least harm. I can also tell you
 10 that will be, in year one we propose to, years one and two
 11 we propose to build this in the area that we are going to
 12 mine first. Okay, Sonette, just move along please? Again
 13 details of the processing. Okay, this is important, I
 14 touched on this earlier, the proposed water courses and
 15 dams. Where we're going to remove the aggregate and the
 16 sand deposit we've proposed to build water courses, which
 17 will greatly enhance the natural beauty of the farm, it
 18 will attract a lot of bird life and it will assist us with
 19 the game farming. Okay, Sonette. You can see all the
 20 technical details and calculation studies, and so on -
 21 DR DE WAAL: Mark, I want you to move
 22 towards a point, we're moving, we're seriously running out
 23 of time.
 24 MR VAN WYK: Okay, Sonette, if you can
 25 just quickly scan through this, please? Continue, please,

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1 Sonette. Continue, please? Very important, again compiled
 2 by Mader. What it is, it's a study of how you can best
 3 utilise mining structures post the mining, and build those
 4 structures with that post-mining use, particularly with
 5 regards to aesthetics in mind, communication towers. Move
 6 along please, Sonette? (Inaudible) -
 7 MS SMIT: Then the last few now, that's
 8 the last one.
 9 MR VAN WYK: Alright, that's it, Dr De
 10 Waal. Thank you for the patience of the IAPs.
 11 DR DE WAAL: I suspect this is the end of
 12 the presentation, except for the way forward and the
 13 questions and comment process, is that correct, Sonette?
 14 MS SMIT: That's a hundred percent
 15 correct, yes -
 16 DR DE WAAL: Alright, so you just took us
 17 through -
 18 MS SMIT: (Inaudible).
 19 DR DE WAAL: Thank you, sorry, I
 20 interrupted you, my apologies. I would like to suggest
 21 that we just run through this. These are the issues that
 22 has been raised up until now, all the categories of issues,
 23 and then any further comments or questions that may be
 24 relevant, we would like to take them then.
 25 MS SMIT: Okay, thank you. If I can pass

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1 over to Russel Tait, he will deal with the environmental
 2 and ecological degradation along the river.
 3 MR TAIT: Thank you very much, Sonette
 4 and Dr De Waal, ja, and good evening to everybody. I hope
 5 everybody can hear me loud and clearly. So yes, there were
 6 several specialist studies, environmental specialist
 7 studies that were conducted for this application, these
 8 included terrestrial biodiversity, which included mammal
 9 studies, Perpetua fauna studies, floral, sorry, flora
 10 studies, botanical studies, in addition to this wetland
 11 studies were done, riverine and fish, and river halt
 12 studies were completed, in addition to this soil or
 13 pedology studies were completed, agricultural potential
 14 studies were also completed in relation to this
 15 application, and on top of that surface water and
 16 hydrological studies were completed for this application.
 17 This was completed in such a manner that during the
 18 resource allocation aspects such as the sensitive areas
 19 were already delineated before the resource allocation was
 20 actually completed. This is important to note, and for the
 21 reason that the mitigation hierarchy could be effectively
 22 implemented. The first, you know, aspect of the mitigation
 23 hierarchy would be a avoidance, and that's why I'm saying
 24 that most of these studies were actually completed before
 25 and in synchronisation with the resource allocation, so

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1 these sensitive areas, as was shown on this presentation, I
 2 think it was page 27 and 28, most or all, and I would like
 3 to say all of the sensitive areas that were delineated have
 4 been avoided by the actual mining plan. These sensitive
 5 areas include riparian habitat, the one in one hundred year
 6 flood line, wetland areas, and areas that were classified
 7 as rigid.
 8 [20:21] I must note that buffer zones were also
 9 implemented within these sensitive areas so that, you know,
 10 before you even get to the sensitive areas, ja, that would
 11 be the aggregate resource, there you can see the ridges,
 12 the riparian zone, as well as the wetlands, and I will note
 13 to you that buffer zones were actually implemented already
 14 within these images that's illustrated here. Initially -
 15 ja, sorry, I am hearing some feedback. I'm just going to
 16 continue in any case. So the first step of the mitigation
 17 hierarchy was completed with relation to surface water
 18 management and biodiversity management, which is a
 19 avoidance, as I've said. The next step would be to mitigate
 20 these, you know, potential impacts. As you can tell, there
 21 will be areas that will be mined, and as expected, these
 22 areas that will be mined, there will be impact.
 23 Considering that there will be impact in these areas, a
 24 series of mitigation actions were provided, and you know,
 25 in the interest of getting through this, it's getting late,

<p style="text-align: right;">Page 125</p> <p>1 I'm not going to go in great detail into the mitigation. 2 In general these mitigation actions includes effective 3 storm water management and effective water management; that 4 includes, you know, salt and water balances to avoid any, 5 you know, water quantity impacts on the Vaal River system, 6 as well as water quality impact on the Vaal River system. 7 These are the mitigation actions that will be completed. 8 Some of the, you know, relating to terrestrial fauna and 9 flora, some of the mitigation actions recommended included 10 search and rescue activities. We realised that the 11 accumulative impact of the mining activities, we considered 12 that, and based on these considerations we suggested the 13 implementation of search and rescue, so any species that we 14 would considered to be species of conservation concern or 15 species of shareholder concern, any species, you know, that 16 are classified as this would be included in the search and 17 rescue plan. So any area that would be mined, these kind 18 of species would be observed and are proposed to be 19 relocated; naturally as part, this would all form part of 20 the biodiversity action management plan, so it would be 21 ongoing activities, an ongoing activity that would be 22 taking place throughout the active mining. As Mader has 23 also pointed out, approximately 300 hectares would be 24 allocated for conservational purposes, and the rollover 25 mining, you know, would also consider the remaining extent,</p>	<p style="text-align: right;">Page 127</p> <p>1 management has already been developed for the 2 infrastructure areas and the proposed mining activities, 3 and these will effectively reduce water pollution. Thank 4 you, that's it. 5 DR DE WAAL: Sonette, I'm going to make a 6 call as the chairperson which you're not going to like. I 7 feel I've heard enough now from the specialists, we've had 8 a 60 something page presentation from the specialists. I 9 would like to hear from the public. I don't think asking 10 every specialist to respond and give a summary of his work 11 and what they did (inaudible) is very interesting and 12 informative at this stage of the meeting, it's going to 13 take us another two or three hours. I would like to 14 suggest that we read through this and tell the public these 15 are the issues that have been raised until now, and then I 16 would like to open this to a discussion on further comments 17 and questions. I feel that, yes, personally I feel that 18 what I've heard now was interesting, but a lot of it I've 19 heard in the presentation, and I don't think we have time 20 now, it's already half past 9, to have a mini-presentation 21 on all the specialist areas of the report. So this 22 unfortunately I'm not going to open up for discussion, and 23 please, Sonette, I know I'm interfering in your life, I 24 will be very grateful if you could bear with me on this. 25 MS SMIT: That's a hundred percent, no</p>
<p style="text-align: right;">Page 126</p> <p>1 you know, let's say we're mining one area, the remaining 2 extents of the proposed mining right would also be 3 considered in the conservation plan. These would be 4 ongoing monitoring activities and management that would 5 take place in relation to biodiversity. We believe that 6 this would significantly mitigate any biodiversity risk. 7 The implementation of the storm water management activities 8 would also, you know, significantly reduce any impact to 9 surface water quality - 10 DR DE WAAL: Alright, you must finish up 11 now, please? 12 MR TAIT: Yes, sorry. I think that would 13 be, that would address the aspects that's provided there, 14 the two points in relation to environment and ecological 15 degradation along the Vaal River. We have implemented the 16 mitigation hierarchy, as I've indicated, there will be 17 mitigation. I haven't actually mentioned the 18 rehabilitation, Mader touched on that. The soil studies 19 that were done have suggested extensive measures that will 20 be implemented to manage soils appropriately, and will 21 inform that rehabilitation. A rehabilitation plan will 22 also be implemented for this study, so the full scope of 23 the mitigation hierarchy will be implemented. That 24 addresses the environmental and ecological degradation 25 aspect. As I've indicated, best standard storm water</p>	<p style="text-align: right;">Page 128</p> <p>1 problem. Most of the points further down, that's why I 2 gave Russel a chance to speak there, the points further 3 down are dealt with. The only one that I think that we 4 still need to have some input in is noise, so if there's 5 any of the unhappy that would like to ask questions 6 regarding noise, you are welcome to, and then the 7 specialist can assist with that, but I am more than happy 8 that we continue with questions. 9 DR DE WAAL: Okay, now first – thank you, 10 Sonette – first up we had Bob, who I continue to call Rob, 11 so if I do, just put it down on my age and my deafness and 12 whatever else you want to, but I mean well. Bob Hartsliel, 13 you are first, after that it will be Rene, and then we will 14 take it from there. 15 MR HARTSLIEF: Dankie, Dr De Waal, geen 16 probleem, ons almal raak nou bietjie oud. It goes back to 17 the presentation of Adv Van Wyk, and then it was followed 18 by that other gentleman, and most probably also because of 19 my age, I'm a little confused as to the presentation by the 20 advocate as to is that what's going to happen soon, or is 21 it happening, I'm a little bit lost with the beautiful, and 22 I must say very impressive drawings and pictures and all of 23 that, so maybe if Adv Van Wyk could just enlighten us all 24 when, we seem to go off on the mining presentation and went 25 onto some estate, and then were followed by a mitigation, I</p>

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1 wasn't sure if the mitigation applied to all the houses and
 2 things that are going to be built, or it will apply to the
 3 mines, and then I would like to obviously just follow up on
 4 a few questions with Adv Van Wyk on his presentation?
 5 DR DE WAAL: Alright, I'm going to ask
 6 Mark to answer that question. My understanding was that
 7 the discussion was about the end use, and I think what
 8 makes this complex is that the end use, part of the end use
 9 Mark's company already has authorisation for, and that at
 10 the end of the day when everything is done and dusted, the
 11 mining is done and dusted, what he was discussing was what
 12 he envisaged then as the end use would be at that stage,
 13 and that was the link that I made; I might have been
 14 erroneous, but that's the link I made. Mark, regarding
 15 when it's started, when will what start, what is
 16 (inaudible), and so forth, if you could respond to that?
 17 MR VAN WYK: Thank you, Dr De Waal. As I
 18 stated in my presentation, and we can produce the document,
 19 we've got an environmental clearance (inaudible) that they
 20 clear to go, and basically from shortly after we got the
 21 environmental clearance we commenced with the planning and
 22 the preliminary construction of certain aspects of the eco
 23 estate, stocking the farm properly with game, surveying the
 24 place, obtaining or putting various studies in place that
 25 we would need to ultimately develop the estate, so we've

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1 been busy with this for some time. As regards those units
 2 that I showed you, the wedding venue, we hope to have that
 3 wedding venue commenced, the construction of the first
 4 couple of units within the next two to five years, so as
 5 the mining goes forward and we've got all the equipment on
 6 the site, we can continue with many of these activities.
 7 DR DE WAAL: So they're more or less
 8 going to run in parallel obviously where the land, where
 9 they don't interfere with one another, is that correct?
 10 MR VAN WYK: Absolutely. Alright, Rob,
 11 you said you had, not Rob -
 12 MR HARTSLIEF: It's Bob, Bob.
 13 DR DE WAAL: You said – you see, now I've
 14 got a hang-up on Rob now. Bob, you said you had one or two
 15 follow up questions. Please continue?
 16 MR HARTSLIEF: You know, Adv Van Wyk
 17 keeps talking about 10 years ago he got this environmental
 18 certificate which he can show us. Could we please see that
 19 so that we satisfy ourselves that that is the situation,
 20 and then obviously it leads to what is the present zoning
 21 then of this property, whatever it's called?
 22 DR DE WAAL: Alright, we had that
 23 question in the previous meeting as well. I think the
 24 matter of the authorisation as far as I know is a public
 25 document, and so that should not be a problem. Sonette, or

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1 Mader, I'm not sure, we had the same question in one of the
 2 previous meetings. Just talk us through the zoning
 3 component, it was quite intriguing and a little bit
 4 interactive, and I think it was either Mader or Sonette
 5 that addressed this zoning requirements and what would
 6 happen, and so forth, I think there are separate processes
 7 involved, some of which run at the same time. Sonette, can
 8 you please help me out here, I think I'm floundering?
 9 MS SMIT: Yes, Mark can give some more
 10 information regarding the zoning on the property itself,
 11 but what we were saying at the previous meeting is the
 12 zoning, this application for the mining right is two
 13 separate issues. The zoning is an application that goes to
 14 the Municipality, and that needs to be in place, so what we
 15 were saying is that if the mining right continues and the
 16 Municipality would require zoning, then that's a process on
 17 its own with its own public participation, so I don't know
 18 if you refer to that, but Mark will give some more
 19 information regarding the zoning on the specific property
 20 as it stands today.
 21 DR DE WAAL: Sonette, if I may add that
 22 the way that I understand these processes, and again, this
 23 is not related to this project, it's just my own
 24 experience, is that you first do a mining right
 25 application, and once that application has been, if it's

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1 not authorised, let's say I'm bringing a mining application
 2 on agricultural land, and I don't what zoning status he
 3 has, Mark will tell us, you first do your mining rights
 4 application, if that's not successful, then it stops, and
 5 if successful, then there's a process to be followed to
 6 zone accordingly, you wouldn't start the zoning process if
 7 you're not sure that the activity would continue, otherwise
 8 it would be wasteful and you would then open the door for
 9 further exploitation of that resource without the process,
 10 Sonette -
 11 MS SMIT: (Inaudible) -
 12 DR DE WAAL: That is my understanding of
 13 the procedure regarding mining right application vis-à-vis
 14 the zoning application. Please continue, Sonette -
 15 MS SMIT: Yes, that is still an
 16 application, this is not an approval, so we can't, we can't
 17 foresee that definitely this mining right is going to be
 18 approved, we applied for this at the Department. So should
 19 it be approved, and you've got a mining right, before you
 20 can operate you need to make sure that you are correctly
 21 zoned -
 22 DR DE WAAL: Zoned accordingly.
 23 MS SMIT: Yes, and the zoning application
 24 itself has got a public participation process on its own,
 25 so there's no sense in rezoning your property, and I'm not

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1 saying this is the case, I'm saying in general, rezoning
 2 your property for mining and never getting a mining right
 3 application, so you're doing a public participation and
 4 everything for that, and then you don't get a mining right.
 5 So you do it the other way around, you get your mining
 6 right first and then you apply for a zoning, well rezoning,
 7 and that's got also a public participation process, and
 8 it's also an application, so it's not necessarily that
 9 that's going to be approved (inaudible) -
 10 DR DE WAAL: Alright, then I'm actually
 11 going to give Rene a quick chance now, but before I do
 12 that, also remember that the mining right application is
 13 towards the environmental authorities, the DMR, vis-à-vis
 14 the zoning application, which is managed or which is run in
 15 terms of local government legislation, there are a few
 16 different respondents there. Rene is worried that she's
 17 going to run out of connection, and she asked if I could
 18 quickly give her a chance, and Bob, is it okay with you if
 19 I quickly give Rene a chance?
 20 MR HARTSLIEF: Yes.
 21 DR DE WAAL: Rene, go for it.
 22 RENE: Okay, there are a lot of issues
 23 that I've posted here. Can we start with the clip of the
 24 status of the road, what the dust causes and the hazards
 25 and what the situation of the road is, please?

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1 DR DE WAAL: Is that clip available,
 2 Sonette?
 3 MS SMIT: We can actually try now while
 4 we're on questions. Just bear with me.
 5 RENE: Thank you. I tried to put a clip
 6 on the other day for one our company meetings, and
 7 eventually somebody got it right, but I "sukkeled" a bit,
 8 so I hope we're getting lucky this time.
 9 RENE: Alright, and then while she's
 10 doing that, Dr De Waal, you said that you had read through
 11 the socio-economic and economic impact studies of
 12 Enviroworks. Has everybody had a chance to look at -
 13 DR DE WAAL: No, I mean I read through
 14 your comment, I didn't read through those reports though, I
 15 just read through the comment, the comment you posted -
 16 RENE: It's two pages.
 17 DR DE WAAL: And I also suggest that that
 18 comment is made part of the minutes and recorded as such,
 19 okay.
 20 RENE: Yes, it's two pages, and it's
 21 highly important because Enviroworks was contracted by
 22 Shango to show why their mine at Chanaledi should continue,
 23 and they came back and said, no, it shouldn't, it's
 24 impossible. If you don't include the accumulative impact,
 25 this is never going to be a solution, and their points,

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1 I've just extracted their main points, it's one and a half
 2 pages and they say, no, no, this should not happen, and
 3 this continues to be ignored in everything that we do.
 4 DR DE WAAL: Rene, I'm going to be
 5 usually unpopular, and I'm going to read the sentence and
 6 you're going to be forever not forgive me. What you've
 7 sent me, it says about the socio-economic impact
 8 assessment, the findings is that the proposed amendment
 9 will not outweigh the negative impacts, meaning
 10 (inaudible), but then it says that unless the mitigation
 11 measures are implemented, it cannot continue, and I think
 12 that's the crux of the matter, what it says there is that
 13 there are, well maybe I (inaudible) report, there are
 14 mitigation measures, and unless they're implemented, it
 15 should not continue, so meaning that if they are
 16 implemented, it would be acceptable -
 17 RENE: Yes, and I'm not -
 18 DR DE WAAL: But just go and check, maybe
 19 I've read it wrong, but that's just what I saw here on the
 20 part you sent now.
 21 RENE: I'm not going to condemn you for
 22 that at all. I'm going to ask you to look at what they
 23 say, and we'll start with the socio-economic impact
 24 assessment, "The findings from SCIA indicates that the
 25 socio-economic benefits associated with the proposed

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1 amendment will not outweigh the negative impacts." That
 2 starts their one summary, "Numerous negative impacts as a
 3 result of the (inaudible) in the area, (inaudible)
 4 surrounding community and the proposed amendment will
 5 compound this. While the amendment will result in some
 6 wider economic benefits, the local economy will see few of
 7 these benefits, furthermore, the areas' tourism sector
 8 phases (and that's spelt wrong) will be impacted upon
 9 significantly. The negative impact associated with the
 10 proposed amendment can only be reduced to acceptable levels
 11 only if stringent mitigation measures are applied, and
 12 these measures are adhered to strictly. It is thus
 13 concluded that the proposed amendment, while providing some
 14 jobs and some small scale economic benefits will lead to
 15 great discontent among the local community and negatively
 16 affect the tourism potential of the area. At this stage,
 17 with the information at hand, it is not possible for
 18 Enviroworks and CES to support the approval of the
 19 amendment from a socio-economic point of view." So -
 20 MS SMIT: Can I, can I please respond -
 21 DR DE WAAL: Alright, Sonette, respond to
 22 that please?
 23 MS SMIT: I would not like us to go into
 24 this report because it's a completely different story,
 25 that's only an amendment, and just to clarify, Enviroworks

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1 were appointed by Green Mind and not Shango, Green Mind
 2 assisted with the amendment of Chanaledi's application, but
 3 that was only an amendment, so they didn't take the
 4 complete mining right and the economic benefits of that
 5 into account, that was only the amendment of changing the
 6 processing of the sand. Please don't get confused with the
 7 two applications, it's completely different, and I really
 8 would not like to comment any further, but this is not part
 9 of this application.

10 [20:41] RENE: I am not confused. You said that
 11 you had included these two reports in your submission that
 12 would go to DMR, I am not confused on that matter, and that
 13 is what they say. They also went on to speak about the
 14 condition of the road, and how that could not continue as
 15 it is unless the accumulative impact were addressed, and to
 16 do this, it would take cooperation between all the mines to
 17 be able to do that, so no, I'm not confused about that.

18 DR DE WAAL: Alright, guys, I'm not going
 19 to a debate about who's confused and not confused, I think
 20 the issue is that there's information on the table. The
 21 question is to what level is applicable or not, what
 22 information that you've given Rene is quite clear about the
 23 viewpoint for whatever application this was. Sonette, if I
 24 may short-circuit this discussion and you will consider
 25 this information, as you have done, and maybe in the

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1 minutes you could just give a short explanation as to where
 2 it fits in and where it didn't fit in, but if it is
 3 relevant to this application, then obviously you have
 4 considered it, and if it is not relevant to the
 5 application, it will be a sort of almost semi-paralegal
 6 issue, which we're not going to resolve tonight. What I
 7 would like to minute and have recorded is that this report,
 8 irrespective of where it fits in, has made the following
 9 conclusion, so that this information is not lost. Would
 10 that be acceptable?

11 RENE: Thank you, that is acceptable to
 12 me, I will just -

13 DR DE WAAL: Rene, are you okay with
 14 that?

15 RENE: I am okay with that. I would like
 16 to move onto the picture that's now being shown on the
 17 screen, the picture of -

18 DR DE WAAL: Yes, let's do that.

19 RENE: Of what is supposed to be a tar
 20 road, which is not a tar road, and it's showing what is
 21 happening now on a not very windy day, where you cannot
 22 see. This is not, this is not the picture that should be
 23 shown, the video is more relevant. It shows the speed of
 24 the mine truck, and I think if we could switch to that,
 25 please, Sonette?

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1 DR DE WAAL: It's interesting this
 2 picture. I drove actually on this road before the meeting,
 3 and there were huge holes here, and then on my way out I
 4 drove behind a grader that was filling those holes with
 5 sand, exactly that picture you showed now, so that sand
 6 there was placed probably about a half an hour or so before
 7 the meeting stopped, anyway.

8 RENE: Okay, so we're now looking at a
 9 picture of a person that's driving at 80 kilometres per hour
 10 on that road, it's not even the worst part that you drove,
 11 doctor, it is the best part of the road.

12 DR DE WAAL: Okay.

13 RENE: And you cannot see. If you go
 14 back, just go back in that clip please, Sonette? That is
 15 what people are driving, you can't see.

16 DR DE WAAL: Ja, but then they should
 17 drive slower for a start, apart from that it's unsafe, but
 18 so the 80 kilometres per hour person in my view was a bit
 19 irresponsible here, and (inaudible) the trucks will be the
 20 same -

21 RENE: They're following, they're
 22 following a mine truck, they are following a mine truck to
 23 try and get video to show how -

24 DR DE WAAL: Oh, is it a mine truck, oh,
 25 I'm with you, I'm with you, I'm with you. Alright, so this

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1 is the dust caused by a mine truck, ek verstaan nou.
 2 Alright, I've missed you here -

3 RENE: Okay, if you just go back to the
 4 beginning of, please go back to the beginning of the video?
 5 This is the person -

6 DR DE WAAL: Oh, so that shows the speed
 7 of the truck -

8 RENE: This is the speed of the car
 9 that's following the mine truck.

10 DR DE WAAL: Okay, nee, ek verstaan, I
 11 misunderstood what you meant.

12 RENE: Okay, ja.

13 DR DE WAAL: I'm with you now, alright.

14 RENE: So play the clip, please? This is
 15 the visibility of what you're seeing as you're driving
 16 along the road following a mine truck.

17 DR DE WAAL: This is the tarred road, I
 18 believe?

19 RENE: This is supposed to be a tarred
 20 road, and you can see -

21 DR DE WAAL: Well it's supposed to be a
 22 tarred road, ja.

23 RENE: Correct.

24 DR DE WAAL: Alright, thank you for that.

25 RENE: Thank you.

<p style="text-align: right;">Page 141</p> <p>1 DR DE WAAL: I think that is, I'm not 2 sure, I've never in my life submitted a video to minutes, I 3 was thinking I must find a way to do it, but I think the 4 point there is that the degradation of the road and this 5 example of a heavy truck using it clearly shows a safety, a 6 significant safety hazard, and I think, Rene, if I 7 understood you, that's the point you're making. 8 RENE: I think the point actually came 9 from Mr Hartsliet, who was speaking about the dust in the 10 context of this, and you can see how the dust that happens 11 in conjunction with the speed of the mine trucks and the 12 situation of the road, they're all compounded, and this is 13 only, this is only happening now, where there are 50 trucks 14 coming in and 50 trucks going out a day, and I don't know 15 of any kind of mitigation that can stop that, where there 16 are 300 trucks coming in an out a day, it's just not 17 possible in my mind. 18 DR DE WAAL: Your point is minuted and 19 recorded. 20 RENE: Thank you. 21 DR DE WAAL: And Sonette, if we can't, I 22 have no idea what to do with the video in a case like this, 23 but maybe if we could just give a short verbal description, 24 maybe a paragraph or so of exactly more or less what the 25 video shows as part of that, of the minute notification</p>	<p style="text-align: right;">Page 143</p> <p>1 go back to you. 2 MR VAN WYK: Dr De Waal, I think Robert 3 Schimpers has had his hand up, and the farm manager, I 4 think he has something to say which may have bearing on 5 what Mrs Hartsliet just had to say. 6 DR DE WAAL: Alright, Bob, can I allow 7 Robert to quickly intervene here? 8 MS SMIT: I think we have lost him as 9 well, Mr Chair (inaudible) - 10 DR DE WAAL: Okay, Robert, please 11 (inaudible) 12 MR HARTSLIEF: No, I'm back, it's fine, 13 go ahead, go ahead. 14 DR DE WAAL: Okay, thank you. Robert, 15 it's your turn. 16 MR SCHIMPERS: If I may just reply on 17 that video clip from the dust. So the dust is coming from 18 the gravel, Sweet Sensation, you know, put it onto the tar 19 road to try and close the holes, so they didn't just put 20 the gravel in the holes, they actually spread it all over 21 the road, so that's why any vehicle, not even just a truck, 22 even if a car goes over that gravels, you can see the dust, 23 so it's not dust from the mines or dust from the trucks, 24 it's dust from the road. 25 DR DE WAAL: Robert, yes, I note your</p>
<p style="text-align: right;">Page 142</p> <p>1 there. I'm not sure how to do it, just maybe so that you 2 can guide me, I've never had a video submitted before. 3 MS SMIT: Yes, we won't be able to submit 4 the videos, but we will be able to do screenshots of every 5 screen until she asks me to stop - 6 DR DE WAAL: That's a good idea. 7 MS SMIT: So you will get the ideal, you 8 would not hear the sound, but you will, that will be 9 visible, I think we will get the point over, if you are 10 happy with that. 11 DR DE WAAL: Okay. 12 MS SMIT: Rene - 13 DR DE WAAL: Ja, look, it's really my 14 decision, so I think that's what we should do. Alright - 15 RENE: Thank you, (inaudible), and I 16 think it's important because Mark has painted a beautiful 17 picture of what might happen somewhere in the next 30 18 years, when I will be dead, but this is the reality, this 19 is what we as the people who drive on these roads face 20 every day, every single day this is what we have to deal 21 with. 22 DR DE WAAL: Point taken, and recorded as 23 such. Rene, you've still got the floor, you said you had a 24 few questions. Alright, I think we've lost Rene, if she 25 comes back in again I will take her on. Bob, I'm going to</p>	<p style="text-align: right;">Page 144</p> <p>1 point and I will record it as such. I think the point that 2 Rene made was that as a result of the bad condition of the 3 road, and in this case we have it on the road, that 4 scenarios may develop, in this case it has developed for a 5 variety of reasons that makes that road dangerous, I think 6 that's the point, so thanks for your input, and I will 7 record it as such. 8 MR SCHIMPERS: Thanks. 9 RENE: Thank you, and I - 10 DR DE WAAL: You are background, good. 11 RENE: I support, I support what Robert 12 says one hundred percent. The fact of the matter is that 13 Sweet Sensations is trying their best to mitigate against 14 the damage to the road, they're trying their best to do 15 that, and it's not helping. We did have a death two weeks 16 ago, a week ago, I'm not sure exactly, and it's as a result 17 of what is happening right now, this is reality. It's not 18 the pretty brochure that we're seeing, this is real, this 19 is what we are living through. 20 DR DE WAAL: Alright, point taken. Rene, 21 you said you had additional questions. If you have maybe 22 one or two more, I will allow you now. 23 RENE: I think I'm done, I just am very 24 keen for those socio-economic and economic impact surveys 25 which were commissioned and have been spoken about by Green</p>

<p style="text-align: right;">Page 145</p> <p>1 Mind, and that they are included in their entirety, not cut 2 down as they were before, into the final submission, thank 3 you. 4 DR DE WAAL: Sonette, would you like to 5 respond to that? 6 MS SMIT: Definitely, that was reports 7 done before Green Mind was appointed, so that is definitely 8 part, that will in its entire complete document form part 9 of our submission to DMR - 10 DR DE WAAL: Right, that's confirmed. 11 MS SMIT: It was done for this 12 application. I can't speak for the Enviroworks application 13 because it's a different application. 14 DR DE WAAL: Thank you very much. Bob, 15 it's your turn, and thanks for your patience. 16 MR SCHIMPERS: It's Dr Van Wyk, he's had 17 his hand up forever, I will follow him, because I asked 18 some questions on his presentation, so I would like to hear 19 what he says, and if I can have the rebuttal after that, 20 thank you. 21 DR DE WAAL: Alright, Dr Van Wyk, who is 22 that, is that Mark? 23 MS SMIT: It is Mark. 24 DR DE WAAL: Okay Mark, you're up. 25 MR VAN WYK: Dr De Waal, no, I've just</p>	<p style="text-align: right;">Page 147</p> <p>1 suspect, Mark? 2 MR VAN WYK: No, Dr De Waal, it's in 3 terms of (inaudible), as read with the relevant – I don't 4 know if they've got a town planning scheme, to be honest, 5 but in any event - 6 DR DE WAAL: No, it may just be a red 7 herring, my apologies for that. 8 MR VAN WYK: The nett result, the nett 9 position is that the default zoning of Goosebay Farm at the 10 moment is mining, and I explained in detail in the written 11 submission to the Remdec, and at the last meeting, and I 12 will send that to Mr Hartsliel again if he can't remember, 13 it may assist him in the future. 14 DR DE WAAL: Mark, don't be mischievous. 15 Bob, now you don't be mischievous either. 16 MR SCHIMPERS: Oh, no, no, no. Look, I 17 mean, we don't want the mine, it's very simple, so let's 18 agree to disagree, if Mr Van Wyk wants a mine, none of us 19 on this call or on this thing, or any of the IAPs want a 20 mine for the reasons which have been set out now at length 21 and ad nauseam. 22 DR DE WAAL: Okay. 23 MR SCHIMPERS: So, you know, of course 24 that's our position, otherwise we wouldn't be spending all 25 this time, money and effort on these issues.</p>
<p style="text-align: right;">Page 146</p> <p>1 been elevated here, thank you, Mr Hartsliel. 2 DR DE WAAL: I'm not sure if this is an 3 elevation, but be that as it may. Mark, your turn - 4 MR VAN WYK: But despite, thank you, 5 despite the elevation, two things for the record. The 6 Enviroworks studies were for another mining right, they're 7 not relevant to the Monte Cristo Commercial Park mining 8 right, they're irrelevant, they had nothing to do with it, 9 that's my first contention. The second issue with regards 10 to the zoning, which Mr Hartsliel seems very concerned 11 about, of Goosebay Farm. This issue, as I pointed out on 12 the record at the last meeting, was dealt with in detail at 13 the Remdec meeting, I believe Mr Hartsliel was there. Mr 14 Hartsliel, am I right or wrong, I believe you were at the 15 Remdec meeting in Welkom in 2019, where I dealt with - 16 DR DE WAAL: Please, please continue, I 17 don't want to go into that right now, if you could just 18 continue please - 19 MR VAN WYK: Yes, where I dealt, yes, 20 where I dealt with this in writing. The take-away, the 21 quick summary, the default zoning of Goosebay Farm 22 (inaudible) is mining, end of the story, that's all I've 23 got to say. 24 DR DE WAAL: Alright, and that would 25 probably be in terms of the town planning scheme, I</p>	<p style="text-align: right;">Page 148</p> <p>1 DR DE WAAL: And so it is your right too. 2 MR SCHIMPERS: So that said, I 3 respectfully disagree with Adv Van Wyk, because there is an 4 ordinance that governs the land, which is the Orange Free 5 State Ordinance, Township Ordinance 9/1969, which predates 6 everything that's been said, and this was highlighted in a 7 judgment of the Constitutional Court on the 12 April 2012, 8 where Judge Jafta ruled categorically that mining cannot 9 take place on land that's not zoned for mining. Now Mark 10 says that it is zoned for mining, I respectfully disagree, 11 and I suppose we will end up in some kind of court where a 12 judge is actually going to decide this issue, because I 13 think this is the only way that we're going to get to this 14 point, but I find it quite interesting that Mark's now 15 proposing to build an eco-estate on a mine, on land that's 16 zoned for mining, because earlier when I got confused, he 17 said, no, 10 years ago he got environmental zoning for an 18 eco-estate, so it's complex, I'm not going to argue with 19 you Adv Van Wyk, I just want to make these issues, and I 20 would also like, Sonette, well I will put it in my report 21 tomorrow to highlight the judgment of the Constitutional 22 Court in this regard, which is pretty clear, and the 23 Minister of Mines cannot pass a mining right if the land is 24 not zoned for mining, and that's our position on this. And 25 as regard, if Mark doesn't mind, someone else will come,</p>

<p style="text-align: right;">Page 149</p> <p>1 it's quite an interesting statement when he won't even 2 declare who his 26% partner is - 3 DR DE WAAL: No, hokaai, hokaai, hokaai, 4 I'm sorry, Bob, you're being mischievous now, that point 5 has been covered and noted and minuted a long time ago, I'm 6 not going to allow this line of discussion. If you have a 7 further issue, please continue, it's been minuted and it's 8 been noted, and I don't mean to offend you, it's just we 9 have discussed this. 10 MR SCHIMPERS: Ja, but you know, Dr De 11 Waal, you know, if Adv Van Wyk is saying he's a good 12 neighbour and so therefore we must allow him to mine 13 because someone else, a bad person can come in, I'm not 14 quite sure what that means, you know, it could be 15 foreigners or something like that, if I remember what he 16 said correctly, you know, what does that mean actually? 17 But anyway, I mean, it's pointless, as you say, discussing 18 this at length. I've made my point and of course I will 19 submit it in writing, Sonette if very aware of it because 20 I've already written to her on this issue, but I have one 21 final question. Are we not going to discuss the social and 22 labour plan at all tonight? 23 DR DE WAAL: Sonette must guide me on 24 that, I've got an opinion on that, but Sonette, if you 25 would guide us on that, please?</p>	<p style="text-align: right;">Page 151</p> <p>1 the environmental impact assessment, which is a separate 2 issue. You may well find that the issue of the social and 3 labour plan will be down by (inaudible), so this is a 4 totally different issue that addresses a different 5 requirement than the requirement for the environmental 6 impact assessment, so this team cannot talk about that 7 because they haven't done that, they're not involved in 8 that, and it's also not part of their scope as 9 environmental practitioners to do that. Elsaïne, am I 10 "smoking my socks"? 11 ELSAÏNE: Yes, Dr De Waal, you are quite 12 correct. I would just like to add that a mining right will 13 not be granted if the social and labour plan is not in 14 order and the local economic development project has not 15 been approved by the local authority, which is the 16 Municipality, and the project does not align with the IDT, 17 so I would just like to add that, thank you. 18 MR VAN WYK: Dr De Waal, my last thing - 19 DR DE WAAL: Of course you may, of course 20 you may. 21 MR HARTSLIEF: And then I will just refer 22 you to your own document, sorry, Sonette, I don't know who 23 was speaking there, where you refer to annexure J, appendix 24 J, excuse me, which is your social and labour plan, so 25 sorry, you know, I just get so confused in all these</p>
<p style="text-align: right;">Page 150</p> <p>1 MS SMIT: We are not going to discuss the 2 social and labour plan, and Elsaïne, if you want to give 3 further clarity, you're welcome to. 4 ELSAÏNE: Yes, hello everyone. At this 5 stage we are in the phase of the draft environmental impact 6 assessment report, and not the social and labour plan, so 7 we are discussing the draft environmental impact assessment 8 and not the social and labour plan tonight. 9 DR DE WAAL: Elsaïne, I would like to add 10 a few words to that, and you will correct me. In my 11 understanding over the years is that as part of a mining 12 right application there are a number of things you have to 13 put in place, permits, and so forth, and one of them is 14 that you have to do an environmental impact assessment, and 15 that actually has got nothing to do with the social labour 16 plan. Another action to be undertaken by the applicant 17 before they allocate their mining right is to develop a 18 social and labour plan in consultation with the Local 19 Economic Development Forum, and in terms of the IDP 20 requirements what they want, and also in terms of a 21 consultation process with local people, as soon as with 22 government, so the social and labour plan is something 23 that's totally different. This is an environmental impact 24 assessment which is part of a mining right application. 25 What we're discussing today is not the application, it's</p>	<p style="text-align: right;">Page 152</p> <p>1 things, because on the one hand it's in the document, 2 referred to an appendix, but now you say you're not going 3 to do it, it's going to come later, and it just confused 4 the hell out of all of us actually. 5 DR DE WAAL: That's a good question. 6 Sonette, if you could respond to that? 7 MS SMIT: It does form part of the 8 document, yes, because it's part of, it's a complete 9 application. So in our document you can also refer to what 10 we've said, that everything done today we've included. 11 We've only done the report from the draft environmental 12 impact assessment, that report, and continued with that. 13 All reports done prior to us handling this application or 14 this process further will be included, but it's not done by 15 us, and we haven't done the social and labour plan, and the 16 social and labour plan was submitted to the DMR, and it 17 will, like I was saying, not be approved if it's not in 18 order. 19 MR HARTSLIEF: No, with respect - 20 DR DE WAAL: (Inaudible) - 21 MS SMIT: (Inaudible) from the 24th of 22 August done to date was included. 23 DR DE WAAL: Bob, I suspect you may want 24 to respond. 25 MR HARTSLIEF: Ja, you know, with all due</p>

<p style="text-align: right;">Page 153</p> <p>1 respect, this is so complicated, because the lady that 2 spoke before you, Sonette, said, no, you don't have to do a 3 social labour plan. Now you're saying, oh yes, we do have 4 to do one, but we haven't done it because we're going to 5 rely on the one done for Shango in 2018, but we're not 6 going to rely on what Enviroworks did for Shango. It just 7 seems very selective in what you're going to present and 8 what you're not going to present. So let's just get very 9 clear on this, will there be a social labour plan submitted 10 to the DMR on the 24th?</p> <p>11 MS SMIT: Excuse me - 12 ELSAINE: May I answer? 13 DR DE WAAL: I'm not sure who said, "May 14 I answer?", but you're welcome. 15 MS SMIT: I think I've overlapped 16 Elsaine, but please, I don't want us to get confused 17 between a social and labour plan and a social economic 18 study. The social economic study earlier referred to by 19 Rene Hartsliet done by Enviroworks, that is a separate 20 issue from the social and labour plan. A social and labour 21 plan is a requirement that you need to have in place in 22 order for a mining right to be approved. We are in the 23 environmental section at the moment, so the DMR has got the 24 MPDRA, which is the Mineral law, and then they have to give 25 authorisation in terms of the Environmental law, which is</p>	<p style="text-align: right;">Page 155</p> <p>1 DR DE WAAL: Ja, ja, ja - 2 MR HARTSLIEF: Dr De Waal, it's appendix 3 J, Social and Labour Plan. 4 ELSAINE: Okay. 5 DR DE WAAL: Thank you very much. 6 MR HARTSLIEF: So it's included. So I 7 just come back to the question, Sonette, are you going to 8 include appendix J, which is listed as a social and labour 9 plan, which has not been addressed at all, and a follow-on 10 question to that, do us, as IAPs, and I understand it's got 11 to go to the local community, I've lived in this community 12 for 30 years and I do understand it very well, do we as 13 IAPs have a say in the social and labour plan and these 14 things in the future, or is this the last time we have to 15 be consulted? 16 MS SMIT: Okay, my answer - 17 ELSAINE: Dr De Waal, if I may come in 18 here, please, just to say - 19 DR DE WAAL: I think that's a good idea, 20 Elsaine, for you to come in now. 21 ELSAINE: Thank you. It's very important 22 to know that the social and labour plan is a living 23 document, it has to be revised every five years, so the 24 community will be engaged every five years when the social 25 and labour plan needs to be updated and revised for</p>
<p style="text-align: right;">Page 154</p> <p>1 NEMA. So we applied, we are in the process of the NEMA 2 process, we are on the NEMA process, on the NEMA side at 3 the moment, and we are completing the draft environmental 4 impact assessment report. So once the environmental 5 approval are in place or should be in place, it can also be 6 refused, then it goes over to the mining right section, 7 where the mining right, the BEE, the application itself, 8 all of that will be assessed by DMR as the competent 9 authority, and I can assure you if that is not in place, 10 the mining right may not be granted. Elsaine, I'm sorry, I 11 took your - 12 DR DE WAAL: Elsaine, before you respond, 13 I just want to get clarity, if you may bear with me. Bob 14 said that the previous report said that the social and 15 labour plan, or it was attached as part of that. Do we 16 have a misunderstanding here, was it actually the socio- 17 economic study that was attached of the social and labour 18 plan that was attached to the previous study? 19 ELSAINE: The social economic study was 20 definitely included. 21 DR DE WAAL: Ja. 22 ELSAINE: I can ask Noelene to look 23 through the appendices for us to see if the social and 24 labour plan was also included, I don't know if the document 25 is right in front of me now.</p>	<p style="text-align: right;">Page 156</p> <p>1 resubmission to the Department. At this stage we are on 2 the environmental side of the process, that's why the 3 social and labour plan is not presented now at this stage, 4 but it was already submitted with the mining rights 5 application, but it should be noted that the social and 6 labour plan is a living document, and the community members 7 are involved in the process every five years, and so that's 8 all from me at this stage, thank you. 9 DR DE WAAL: Bob, Bob, what I've got now, 10 if I understand this correctly, I have a definite maybe. 11 MR HARTSLIEF: Look, the so-called social 12 and labour plan that I have seen with this document says 13 nothing other than wonderful intentions to uplift the 14 community and educate people, and so on, and so forth, but 15 there is - 16 DR DE WAAL: Which is what it's supposed 17 to say. 18 MR HARTSLIEF: No, it's supposed to be 19 very specific in terms of financial commitment to the 20 community. If you look at the Sweet Sensation social and 21 labour plan, which we've worked very much with, it is 22 absolutely specific as to how many bursaries they're going 23 to give, what projects they're going to undertake, and so 24 on, and so forth. So the social and labour plan which I 25 think the previous lady was referring to, which she says</p>

<p style="text-align: right;">Page 157</p> <p>1 has already been submitted, certainly doesn't comply with 2 the requirement of a social and labour plan, as it gives 3 not specifics other than there will be, two percent of the 4 nett profits will be allocated to something undefined. So 5 I still remain unclear, but of course I will just put these 6 comments in writing because otherwise we're going to be 7 here all night. I thank you for your patience. 8 DR DE WAAL: That's why we're here. 9 Alright, I'm close to closing down, I'm getting hugely big 10 eyes from my Scottish wife next to me here, not that that 11 will make me stop the meeting, but it will mean I will have 12 a touch dinner tonight. I'm joking. I'm going to allow 13 two or three last questions and comments, and then I'm 14 going to close the meeting. 15 MS SMIT: Mr Chair, if I may just 16 clarify, please, on that social and labour = 17 DR DE WAAL: Of course you may. 18 MS SMIT: Just so that we can get that 19 out of the way. The social and labour plan, as Bob 20 indicated, is appendix J, that is part of an application, 21 of the application. Why it's not dealt with here is 22 because Green Mine didn't do it, it was submitted as part 23 of the application, but rightfully, you are a hundred 24 percent correct, Bob, in saying that it needs to be very 25 specific, so I can assure you that DMR won't accept that</p>	<p style="text-align: right;">Page 159</p> <p>1 does it determine mining rights, and I just want to 2 clarify. The applicant cannot commence mining without 3 having the correct zoning and having a mining right. 4 Applying for a mining right is not necessarily an 5 inextricably, s joe, sorry, inextricably linked to the 6 zoning, and vice versa, and I do just want to make sure 7 that that point is understood, that the mining rights 8 application can be made and the zoning application for the 9 rezoning can be made, but they are separate, and it is only 10 for the actual act of mining that you would need both. 11 DR DE WAAL: Okay, that makes sense, in 12 other words, you can apply for a mining right, and you have 13 a zoning application, and if the zoning application gives 14 you, in other words, rezones to mining use and you have a 15 successful mining rights application, only then can you 16 start with the mining? 17 MR ROUX: Correct. 18 DR DE WAAL: Okay, thank you for that, 19 that was helpful. En die laaste hand was who, Sonette, 20 help me? 21 MS SMIT: Selma Kok. 22 DR DE WAAL: Selma, it's your turn. 23 SELMA: It is Selma, but thank you. I'm 24 speaking on behalf of - 25 DR DE WAAL: Alright, Selma, it's your</p>
<p style="text-align: right;">Page 158</p> <p>1 report if it's not done right, but I can't comment on that. 2 Then the social impact study will form part of the 3 specialist studies that was attached to the document, but 4 it's two separate issues, and that (inaudible) - 5 DR DE WAAL: Thank you Sonette, that 6 helps, that helps. Now from the public's side, Warrant, 7 anybody, Michael, Rene, Bob, a last comment, I'm going to 8 allow two more questions, then I'm going to close down. 9 Number one is going, going - 10 MS SMIT: Peter, Peter Roux Selma Kok. 11 DR DE WAAL: Alright, go for it. 12 MR ROUX: Mr Chairman, sorry, if I can 13 just revert back to the points that has been discussed a 14 bit earlier - 15 DR DE WAAL: Of course you may. 16 MR ROUX: In relation to the zoning and 17 the mining rights. 18 DR DE WAAL: Okay. 19 MR ROUX: Just to very briefly respond on 20 that point, and Mr Hartsief referred to a Constitutional 21 Court judgment. I think it's important to distinguish 22 between the act of mining and being granting the mining 23 right. In that Constitutional Court judgment the judge 24 refers to the fact that the zoning that permits the land to 25 be used for mining does not however licence mining, nor</p>	<p style="text-align: right;">Page 160</p> <p>1 turn. 2 SELMA: Thank you, Chair, I'm speaking on 3 behalf of the Vaal Action Group. Our poor river, nobody 4 has spoken about the river, and I believe we are at the 5 environmental section of this exercise, so let me speak to 6 the river then. 7 DR DE WAAL: You're welcome, go for it. 8 SELMA: Because in 2018 we've had a lot 9 of fish die-offs, whatever, and I asked some questions 10 earlier because we're concerned about the quality of the 11 water. So surface water pollution run off from the mining 12 activities, as well as sediments, or whatever, erosion and 13 leaching of contaminants, those things. I just want to 14 know have all the studies, for instance the one on impact 15 on fish life or (inaudible), has that now been completed, 16 and has the impact of the water utilisation by the mine on 17 the immediate local hydrology been determined? Are those 18 studies finished and where can I find them? 19 DR DE WAAL: Sonette. 20 MR TAIT: I'm here as well, so I can also 21 answer, potentially answer that question, Chair. 22 DR DE WAAL: And I am who? 23 MR TAIT: Oh, sorry, I'm Russel Tait. 24 DR DE WAAL: Yes, you did – yes, please, 25 if you can help us, that will be good.</p>

<p style="text-align: right;">Page 161</p> <p>1 MR TAIT: Yes, so there was a riverine 2 fish condition or a riverine health study that was done, it 3 was interestingly enough done at the same period in which 4 you mentioned there were fish kills, and as a result 5 actually of this, that study, we took it upon ourselves as 6 environmental specialists to continue these studies in the 7 greater, you know, Vaal River system, to which myself and 8 my (inaudible) wife have actually been responding to 9 Department of Water and Sanitation, as well as the Dutch 10 Water Authority, so I hope that kind of addresses that. 11 With regards to - 12 DR DE WAAL: (Inaudible) that study will 13 be an attachment to the report that is on the website, is 14 that correct? 15 MR TAIT: Yes, so the baseline and impact 16 assessment with regards to the riverine condition, that 17 will form part, it does form part of the application that's 18 on the website. In addition to that the wetlands and 19 surface water studies are also available on the website as 20 well. And then just to, you know, address your queries 21 regarding the contaminated surface water runoff, et cetera. 22 Our baseline studies did indicate that the river is, you 23 know, seriously modified in terms of the water chemistry. 24 This was taken into consideration in the impact 25 assessments, basically the accumulative impact assessment,</p>	<p style="text-align: right;">Page 163</p> <p>1 don't think there was. As far as I'm aware, we completed a 2 full riverine condition and impact assessment study, so I 3 don't think there would be any – I think we made a 4 recommendation to, you know, more accurately define the 5 quantity that's going to be lost so that, you know, we can 6 have a precise, a precise idea about how much water is 7 going to be basically not reporting to the Vaal River 8 system, and, but yes, just to note that, I think that that 9 comment would be noted and we will have to address that, 10 and that – what is the last - sorry, I've lost my train of 11 thought. We will have address that, your comment at a 12 later stage, but it should be a relatively straightforward 13 thing for us to produce. 14 SELMA: Alright, and then, because that's 15 4.4 that was still open, it wasn't finished, the "Fish 16 response assessment index will be applied for the study", 17 but that had not been done at that stage. Then I would 18 just like, my last question, Chair, please, is a note of 19 monitoring the water quality up and downstream from the 20 mine, who will be doing that and how often, in what 21 frequency will that be done? 22 DR DE WAAL: Russel, if you would. 23 MR TAIT: Yes, if I may? We've proposed 24 that a surface water quality monitoring program is 25 established, and I'm assuming that, you know, this would go</p>
<p style="text-align: right;">Page 162</p> <p>1 and there are plans to basically not, the mine is going to 2 be a no discharge mine, so there is no plan to let any 3 contaminated water runoff into the Vaal River. As I've 4 mentioned before, standard best practice surface water 5 management will be implemented, and this means keeping 6 clean water clean and keeping dirty water and using that 7 for, you know, the wash plant, for the dust suppression, 8 and yes, again to speak to your comment regarding the water 9 quantity. We have completed a water balance study, you 10 know, which looks at all the aspects in relation to water 11 use, which includes dust suppression. These have all been 12 quantified, and all this information is available to you in 13 the surface water, surface water study that was completed 14 by a hydro station. I can't refer to the exact appendix, 15 unfortunately. 16 DR DE WAAL: Selma. 17 SELMA: Alright, because the appendix I 18 have in front of me is 4.4, "Fish community assessment", 19 and at that moment, in November 2018, that would still have 20 had to be done, and then as well in that report it states 21 that the quantity that the mine would use was not 22 available. So is there an addendum to this report then? 23 MR TAIT: I'm not entirely sure. I think 24 we will have to note your comment and just ensure that the 25 addendum, or if there was an addendum to that report, I</p>	<p style="text-align: right;">Page 164</p> <p>1 out to tender for, you know, for the future. It would be 2 done by most likely an independent consultant, who would be 3 naturally qualified to undertake such things. 4 SELMA: Okay, thank you. 5 DR DE WAAL: Alright, I'm going to allow 6 as a special favour, seeing we've sat here for how many 7 hours, as a special last favour one more question, and it's 8 going, going, going - 9 MS SMIT: (Inaudible). 10 MR HARTSLIEF: Yes, yes, yes, I would 11 like a question. 12 DR DE WAAL: Go for it. 13 MALE SPEAKER: Peter, I'm sorry, I didn't 14 get your last name, am I correct that Adv Van Wyk said that 15 presently the land is zoned for mining? 16 MR ROUX: Chair, may I respond? 17 DR DE WAAL: Yes, Peter, of course, of 18 course, of course. 19 MR ROUX: Yes, I do recall him saying 20 that, but I think Adv Van Wyk would probably be the best 21 person to comment on the zone comment. 22 DR DE WAAL: Mark, if you would? 23 MR VAN WYK: Thank you, Dr De Waal. What 24 I said, Mr Hartslief, and I'm on the record, is that the 25 default zoning of Goosebay Farm in terms of (inaudible),</p>

<p style="text-align: right;">Page 165</p> <p>1 allows mining. I have prepared a letter, an opinion in 2 writing, it's been submitted to the authorities, I will 3 send it to you again and then you can do as you wish with 4 it.</p> <p>5 MR HARTSLIEF: Thank you very much, Mr 6 Chair. You did mention a meeting in Welkom, which I did 7 not attend, in 2019. Would you be so kind as to email that 8 to me as well, Mark?</p> <p>9 MR VAN WYK: With the greatest of 10 pleasure, Bob.</p> <p>11 DR DE WAAL: Alright that brings us to 12 the end of this session. Firstly, it took longer than, 13 again, as we said it would, but I expected it to be. The 14 reason why I allowed it go longer was that it's important 15 to me that the comments and the questions are captured, 16 because that's really the main purpose of why we're having 17 these discussions. Again my thanks to everybody for your 18 patience, I know this is not an easy matter, and you know, 19 everybody has rights, and these rights are relatively 20 balanced normally. That doesn't mean that people don't 21 feel very intense about their right, I can understand that. 22 That's exactly how I feel as well. I heard a loud yawn on 23 the background, I'm not sure if all of you heard it, so let 24 me be quick. Thank you for your patience, this is not an 25 easy matter. I appreciate the constructiveness of the</p>	<p style="text-align: right;">Page 167</p> <p>1 MS SMIT: Mr Chair – Mr Chair, may I just 2 one more time ask if everyone can just make sure that the 3 details, the full details of their own name and their email 4 address are definitely in the chat before they leave? I'm 5 sorry for interrupting.</p> <p>6 DR DE WAAL: You are welcome. Everybody, 7 please check that your contact details have been captured, 8 and with that it is now 23 minutes past 9, with that I 9 formally -</p> <p>10 MS SMIT: There's a hand, Warren, we've 11 got Warren's hand.</p> <p>12 DR DE WAAL: Warren, I will allow you.</p> <p>13 WARREN: Sorry, I just want to, you said 14 there's still a public participation meeting on the 24th. 15 How are those comments going to be addressed if the closing 16 date is tomorrow, thank you?</p> <p>17 DR DE WAAL: Sonette, if you would?</p> <p>18 MS SMIT: That is indeed a public 19 participation meeting for everyone that couldn't attend any 20 of these meetings, and does not have Wi-Fi or computers. 21 We will allow for them to submit comments after the 22 meeting, but I doubt if there's anyone at the moment that 23 does not have the information or do not know of the 24 project, so I'm fairly sure that they've got to know. The 25 people in the area had time to go through all the</p>
<p style="text-align: right;">Page 166</p> <p>1 discussions and for the (inaudible) set out. Sonette, I'm 2 going to give you the last word, then I'm going to give a 3 closing work to Mark, and then I will close the meeting.</p> <p>4 MS SMIT: Thank you very much. I just 5 want to thank everyone's participation in this process, and 6 I look forward to receiving comments by the closing date, 7 tomorrow, the 22 April, and I hope that we can find 8 solutions to most of your problems, but I really appreciate 9 your correspondence, thank you very much, and thank you for 10 attending the meeting until this late.</p> <p>11 [21:21] DR DE WAAL: Mark, a last work from you.</p> <p>12 MR VAN WYK: Thank you, Dr De Waal. Dr 13 De Waal, my farm is between the Vaal Eden Road and the Vaal 14 River. I'm very concerned about the condition of the Vaal 15 River and the Vaal Eden Road. We've already approached the 16 authorities about the Vaal Eden Road, and we've engaged 17 with them. I will continue to do so with the assistance of 18 my specialist consultants, including my attorneys. We hope 19 to resolve this going forward, and I just want to say thank 20 you to all the IAPs for their attention tonight, and just 21 to reassure them that their concerns are very, very 22 important to me, and we will try to resolve things in a 23 sensible fashion in everyone's best interests, so thank you 24 to you all.</p> <p>25 DR DE WAAL: Thank you very much -</p>	<p style="text-align: right;">Page 168</p> <p>1 documentation, but for those people attending that meeting 2 for the first time on the 24th, we will allow time for them 3 to send us their comments.</p> <p>4 WARREN: Thank you.</p> <p>5 DR DE WAAL: Alright, and then just one 6 last comment from my side. I was also at the previous 7 meeting. How on earth could anybody hold a meeting at 7 8 o'clock in the morning and I then asked this question 9 because I was quite a bit surprised about 7 o'clock in the 10 morning myself, and I believe that was by request of one of 11 the shareholders that asked if it could start at 7 o'clock, 12 as he had some other commitments during the day, so the 13 question was raised previously. With that -</p> <p>14 MS SMIT: If I can just correct, if I can 15 just correct that? It was a meeting that was held during 16 the day, so they asked not to have the meeting between 17 10:00 and 12:00, so we made prior arrangements for a 18 meeting prior or a meeting after, but that was two options. 19 You didn't need to attend at 07:00 if you wanted to attend 20 at 1 o'clock, so ja, but it was because of a request from 21 one of the IAPs.</p> <p>22 DR DE WAAL: Alright, with that then, any 23 further ado, this meeting is closed and it is 25 past 9. 24 Sleep well, travel safely -</p> <p>25 MR VAN WYK: Thank you, Dr De Waal, en</p>

1 geniet jou aandete, ek hoop jy kry nou kos.
2 DR DE WAAL: No, I've had my daughter
3 look in here three times, which means, listen, we've now
4 eaten, you must now eat by yourself, I know them. Thanks
5 guys and ladies and gentlemen, thank you for your time.
6 MR VAN WYK: Dankie Sonette, goeie naand.
7 DR DE WAAL: Everybody keep well, all the
8 best, bye-bye.
9 MS SMIT: Thank you, dankie.
10 [MEETING ADJOURNED]
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**CORRECTIONS REQUESTED BY MARIETTE
LIEFFERINK**

Marlene Lingenfelder

From: Mariette Liefferink <mariette@pea.org.za>
Sent: 22 April 2021 12:54 PM
To: Marlene Lingenfelder; Sonette Smit; info@vldc.co.za
Cc: 'Renee de Jong Hartsliet'; 'Philip Hartsliet'; 'Gavin Aboud'; 'warrin'; 'Liz'; 'Craig Richardson'; 'Abrie Hanekom Vaaloewer'
Subject: RE: Monte Cristo Commercial Park Draft Environmental Impact Assessment Report ("DEIAR") and Environmental Management Programme ("EMPR") Notification - Meeting Transcriptions
Attachments: CORRECTIONS- TRANSCRIPT.docx

Dear Marlene and Sonette,

I have hurriedly reviewed the transcript. My corrections are attached hereto and are highlighted in bold red typography. Kindly supplant the comments in the transcript with the revised comments.

Please note that I have only addressed the comments attributed to me and not to the other IAPs.

Kindly confirm receipt of the attached document.

Best Regards

Mariette Liefferink

CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

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E-MAIL: mariette@pea.org.za

From: Mariette Liefferink <mariette@pea.org.za>
Sent: 22 April 2021 11:29 AM
To: 'Marlene Lingenfelder' <admin@greenmined.co.za>; 'Sonette Smit' <Sonette.S@greenmined.co.za>; 'info@vldc.co.za' <info@vldc.co.za>
Cc: 'Renee de Jong Hartsliet' <renee@bundunet.com>; 'Philip Hartsliet' <bobh@dullies.com>; 'Gavin Aboud' <gavinaboud@vodamail.co.za>; 'warrin' <warrinf@gmail.com>; 'Liz' <liz@lizcharles.co.za>; 'Craig Richardson' <craigrichardson100@gmail.com>; 'Abrie Hanekom Vaaloewer' <marlene@kruppeng.co.za>
Subject: RE: Monte Cristo Commercial Park Draft Environmental Impact Assessment Report ("DEIAR") and Environmental Management Programme ("EMPR") Notification – Meeting Transcriptions
Importance: High

Dear Marlene,

I thank you for the transcription but there are unfortunately many errors. To exemplify, I subjoin hereunder an extract from page 8. The comments are attributed to me. The corrections are highlighted in red typography. I can unfortunately not accept the transcription as an accurate recording of my comments. I shall endeavour to correct the inaccuracies before the 24th instant but is time consuming and, as you may reflect, it is not my duty since I am not the EAP.

The errors in the recording of my comments also creates a reputational risk for my organisation and myself since it will lower the FSE and myself in the estimation of key stakeholders and other IAPs.

SUBJOINED EXTRACT FROM THE TRANSCRIPTION

Dr David De Waal's explanation of the independency of the **Environmental Assessment Practitioner (EAP)** (inaudibly notionally independent but if I may just..... and I've put also in writing, just perhaps to also record that in terms of **the (inaudible) DG of EAP and Eskom had a court case.**) It was found that the EAP – well, is notionally independent **independent in the sense that** they were not institutionally part of the applicant. But they are employed by the applicant is seeking. So I just want to put that on record. And then if I may just ask at this point in time whether the

CHAIRPERSON: Sorry, Ms Liefferink, I missed you. The quality was bad. I didn't hear your last sentence. If you

MS LIEFFERINK: May I ask, Dr De Waal, if the EAP is registered with (~~DELETE – ICASA~~) **EAPASA. (Interpro of South Africa.)**

CHAIRPERSON: Oh, okay.

In the light of the aforesaid, I request you to please not submit this transcript of the public meeting to the DMRE since it is flawed.

Best Regards
Mariette Liefferink
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From: Marlene Lingenfelder <admin@greenmined.co.za>
Sent: 22 April 2021 10:44 AM
Subject: Monte Cristo Commercial Park Draft Environmental Impact Assessment Report (“DEIAR”) and Environmental Management Programme (“EMPR”) Notification – Meeting Transcriptions

Dear Interested and Affected Party,

Monte Cristo Commercial Park Draft Environmental Impact Assessment Report (“DEIAR”) and Environmental Management Programme (“EMPR”) Notification – Public Participation Meeting

Please find attach hereto the Transcription of the Meetings held on 10 April 2021 and 17 April 2021.

We trust that you find the above in order and once again thank you for your valued engagement with Greenmined.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



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”the goal isn't to live forever, it is to protect a planet that will”

Page 10.

CHAIRPERSON: Okay. He's a service hydrology specialist (should read "surface hydrology specialist").

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MS LIEFFERINK: Yes. Thank you. I just want to refer to a letter that was written by Advocate Van Wyk to Verhemdek (should read "RMDEC" – the acronym for the **Regional Mining Development and Environmental Committee**) in which he attached a detailed explanation regarding the zoning where he mentioned that the Ngwathe local municipality...

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MR VAN WYK: Thank you, Dr De Waal. Dr De Waal, this issue was comprehensively dealt with by myself in person at the Rendek (should read **RMDEC**) meeting held at the DMR Welkom on the 25th of April 2019. Now Mr Bob Hartsliet was present at that **Rendek (should read RMDEC)** meeting and I suspect that Mrs Hartsliet may have been as well. She can tell me if she...

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MS LIEFFERINK: Yes, please. I just want to mention I did acknowledge Mr Van Wyk's, Advocate Van Wyk's letter in which well, he alleged certain defamatory comments by **public participant (should read "an IAP")** but nonetheless I have read through that entire letter. I've read through the town planning scheme. I've addressed also in my correspondence - my concern is the fact that it appears **anonymous (should read "anomalous" to the)** statements in the comments and response **support (should read "Report")** and that letter of Advocate Van Wyk because in the comments and response **support (should read "Report")** it firmly stated that there will still be an application made, application for rezoning. I have put it in my written letter. I hope that Advocate De Waal did receive my written letter and if I may just, I've just been able to access the court case. It's Wildlife and Environmental Society of South Africa versus The Minister of Finance and Development Planning in the Western Cape and the Municipality of Stellenbosch and **Paradyskloof** Golf Estate. I would encourage Advocate Van Wyk, since he is a legal person, to perhaps just review this because as it mentions here that the court made it clear that the piecemeal approach to EIA's cannot be permitted. Furthermore, it's not lawful to grant an environmental authorisation subject to other assessments having to be carried out **makes (should read "on") (delete -an)** important components of the development after the authorisation has been granted. That is the crux of the matter.

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...And also will **then (should read "the")** corporate influence and the corporate accountability all fall upon Advocate Van Wyk?

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MS LIEFFERINK: May I please – yes. If I may just ask, with regards to the rehabilitation of

the land and the future land use for the sections that will be mined, have the future land use been negotiated with **interested and affected parties**, because often you see that is part of the **closure requirements in terms of the MPRD Regulations**

CHAIRPERSON: Mariette, I'm missing you there. I've got two or three voices at a time. Are you asking is the –

MS LIEFFERINK: Okay. I just want to ask in terms of the Mineral and **Petroleum** Resources Development Act, that is the regulations, **(delete – “a”)** closure must commence from the commencement of mining and the closure **objectives** must be determined **from commencement of** mining and **that (should read “the”)** future land use, **is that (should read: “that is”)** the rehabilitation **(delete “in the process”)** objectives to arrive at a future land use, which should be sustainable. Has that been negotiated or has **interested and affected parties** been consulted regarding that. That is the one question.

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And then I also just want to refer Advocate Van Wyk to the guidelines for the rehabilitation of mined land. er That is the Chamber of Mines guidelines. When it refers to source stripping, source stockpiling, land **form changes, land form re-creation (spoil shaping), “and irrigation and(inaudible) and biodiversity (inaudible)” (should read: “soil replacement, soil amelioration, revegetation and biodiversity re-establishment).** Because obviously these guidelines will have to be followed in (inaudible) for that land use to be sustainable and as far as (inaudible) understood is that it will be open cast mining which mean there will be need for topsoil replacement and perhaps if Advocate Van Wyk can just explain whether there will be sufficient financial provisions made for that as well as for latent and residual impacts in terms of the 2015 **NEMA** regulations for **financial** provisioning, because I've noticed only R14-million had been made available for rehabilitation.

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LIEFFERINK: And the 2015. It's the 2015 financial regulations, not the 2014 and I'm referring specifically to residual or latent impacts that may only become known in future. But that was only part of my question. There were questions regarding the future land use, whether that had been consulted with interested and affected parties and also whether the guidelines for the remediation of mine land **of the Chamter of Mines, that is now the Minerals Council,** their guidelines, whether that would be followed and how the topsoil will be replaced in the open pits.

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... the National Dust Control regulations, the amendments now asks for, I don't know if it's been published yet, but that a mining company, prior to mining, must prepare not just a dust monitoring plan, but a dust management plan. And I also just express concern because the average period of monitoring weakens quick responses to short term episodes because as we know that it's often averaged out in a month and then I also wanted to ask whether the residential level of 600 milligrams per square metre in a month **(my error – should read “per day”)** has been applied in this application or was a non-residential level applied of 1200 milligrams per square metre. And then my last question the mitigation measures that are being..... So we would really suggest that there is an environmental **control** officer that

should be appointed by the mine and that if the application proceeds that communities also **assessed (should read: “assist”)** in the monitoring of these aspects, of these impacts.

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MS LIEFFERINK: Thank you very much. Thank you. I just want to mention that of course public participation was always part of any application because it falls within the NEMA’s ambit and the NEMA was promulgated or published in 1998. I don’t know the prospecting and the two mining rights applications by Advocate Van Wyk, whether that pre-dates the Mineral and Petroleum Resources Development Act that – sections 58 **(should read: section 38)** of the Mineral and Petroleum Resources Development Act which is dated 2002 also included public participation. So I just thought I’ll mention that.

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...in terms of section 24 of our constitution there has to be **inter and inter-generational equity (should read: “intra and inter-generational equity”)**. If we as the current generation extract all the minerals and argue the need and desirability for that to state that it is necessary, we have to leave some minerals also for future generations. That is inter and **inter-(should read: “intra”)** generational equity.

So first of all I just want to say we do understand that there is a psychological dependency on mining but we must remember that mining is finite. It does deplete a non-renewable resource and we must leave resources for future generations. And then the last point I want to mention – sorry. There's mention made that all our comments will be recorded. I know that was recorded also in the previous public participation meetings.

APPENDIX E17.7

**PHOTOS RECEIVED OF ROAD(VIDEO)FROM ME
RENEE HARTSLIEF**







