

# PROPOSED UPGRADE OF THE HANS HOHEISEN WILDLIFE RESEARCH STATION, MPUMALANGA

NEAS Ref: DEA/EIA/0001347/2012

Reference: 14/12/16/3/3/3/48

## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### **APPENDIX A**

- A.1 Authority Correspondence
- A.2 I&AP Register
- A.3 Advertisements
- A.4 Site Notices
- A.5 Background Information Document
- A.6 Minutes of Public Meeting
- A.7 Interim Comments and Responses Report
- A.8 Correspondence with Stakeholders

#### **Prepared for submission to:**

The Department of Environmental Affairs

#### **Prepared by:**



#### **On behalf of:**

The University of Pretoria

## Overview of Public Participation

A prior Application for Environmental Authorisation for this project was submitted under the previous EIA regulations in 2010. A project application was submitted to DEA (Environmental) as well as to DEA (Waste Management) in February 2012. The application was acknowledged and accepted in March 2010, and issued with the following reference numbers:

- DEA Environmental 12/12/20/1820;
- DEA Waste Management 12/9/11/L319/3.

Subsequent to this, the following Public Participation was undertaken:

- Potential Stakeholders and I&AP's were identified (with input from the client);
- Relevant Authorities were identified;
- The project was advertised as follows:
  - Notices informing of the process were placed on site on 8 March 2010. These site notices also invited potential I&AP's to attend the public meeting scheduled for the 12<sup>th</sup> of April 2010.
  - An advertisement informing of the process was placed in the legal section of the *Lowvelder newspaper* on the 30<sup>th</sup> of March 2010.
- Identified key stakeholders and I&AP's were notified in writing of the proposed development, and invited to attend the public meeting. These included, inter alia, the following:
  - Adjacent land owners;
  - Local Reserve Owners / Managers and
  - Local camp managers (KNP and others).
- Relevant authorities (including National, Provincial and Local Authorities who exercise control through statutory and non statutory instruments) were notified in writing of the proposed development, and invited to attend an Authorities Meeting . These included, inter alia, the following:
  - National Department of Environmental Affairs (DEA): Environmental;
  - National Department of Environmental Affairs (DEA): Waste Management;
  - National Department of Water Affairs (DWA);
  - National Department of Health (DoH);
  - South African National Parks (SANParks);
  - Department of Agriculture Forestry and Fisheries (DAFF)
  - State Veterinary Department;
  - Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET);
  - The South African Heritage Resources Agency (SAHRA);
  - Mpumalanga Tourism and Parks Authority (MTPA): Veterinary Services and
  - Bushbuckridge Local Municipality (BLM).
- A Public Meeting was held on the 12th April 2010 at the Hans Hoheisen Wildlife Research Station.
- A Departmental site meeting was held on the 12th April 2010 at the Hans Hoheisen Wildlife Research Station.

A Draft Scoping Report (DSR) was subsequently circulated to relevant for comment. Due to a number of factors, however, this application subsequently lapsed, and the file was closed by the DEA in August 2011.

In July 2012, a new Application for Integrated Environmental Authorisation and Waste Management License was submitted under the current regulations. This application was acknowledged and accepted in September 2012.

Because the nature of the project as well as the identified Authorities and Stakeholders are the same as for the lapsed application, it was argued that some of the 2010 process would be valid for the new process. In this regard, an application for exemption from certain aspects of public

participation was submitted to Department of Environmental Affairs (DEA) on 17 October 2012. This application was approved on 23 March 2013.

A draft of the Scoping Report was circulated on (14 January 2013) to all registered Stakeholders and I&AP's for comment. A 30-day comment period was allowed (40 days for Authorities), where after all comments received were considered, and amendments made to the Scoping Report (where relevant).

The DSR was finalised and submitted to DEA as a Final Scoping Report in March 2013, and was approved by DEA in May 2013.

**A.1 Authority Correspondence**



## Invitations (2010 process)

MTPA Vet Services

2012/11/29 4:38 PM

From: Steve [steve@vrl.co.za]  
Sent: 29 March 2010 10:07 AM  
To: 'jan@mtpa.co.za'  
Subject: Departmental Site Meeting for Hans Hoheisen Wildlife Research Institute Upgrade - EIA  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf  
  
Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)  
  
Your Ref: Jan Muller

29th March 2010

Per e-mail: jan@mtpa.co.za

Dear Jan

DEPARTMENTAL SITE MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

You are invited to a Departmental site meeting that will take place, on the 12th April 2010, at 10am. We will meet on site (Hans Hoheisen Research Institute) adjacent to Orpen Gate.

Attached please find a map to direct you to the meeting venue. Please be so kind as to advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Page 1 of 1

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'nkunan@bushbuckridge.gov.za'  
Subject: Departmental Meeting for Hans Hoheisen Research Institute EIA  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Mr. Nkuna

26th March 2010

Per e-mail: nkunan@bushbuckridge.gov.za

Dear Mr. Nkuna

SITE MEETING

FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

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2010, at 10am. We will meet on site (Hans Hoheisen Research Institute) adjacent to  
Orpen Gate.

Attached please find a map to direct you to the meeting venue. Please be so kind as to  
advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

Regards

Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steilties  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete:  
nkunan@bushbuckridge.gov.za  
Subject: Departmental Meeting for Hans Hoheisen Research Institute EIA

From: Steve [steve@vrl.co.za]  
Sent: 29 March 2010 09:54 AM  
To: 'PA.DVS@daff.gov.za'  
Subject: Departmental Site Meeting - Hans Hoheisen Wildlife Research Institute Upgrade - EIA  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Director Veterinary Services

29 March 2010

Per e-mail: PA.DVS@daff.gov.za

To whom it may concern

DEPARTMENTAL SITE MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

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Attached please find a map to direct you to the meeting venue. Please be so kind as to advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:  
PA.DVS@daff.gov.za

From: Steve [steve@vrl.co.za]  
Sent: 29 March 2010 09:13 AM  
To: 'selby@vodamail.co.za'  
Subject: Departmental Meeting for Hans Hoheisen Research Institute EIA  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: S.J.Mokoena (Health and Social Services)

26th March 2010

Per e-mail: selby@vodamail.co.za

Dear Selby

SITE MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN WILDLIFE RESEARCH INSTITUTE, ON PORTION  
2 OF  
THE FARM KEMPPIANA 90 KU

You are invited to a Departmental site meeting that will take place, on the 12th April 2010, at 10am. We will meet on site (Hans Hoheisen Research Institute) adjacent to Orpen Gate.

Attached please find a map to direct you to the meeting venue. Please be so kind as to advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

From: Steve [steve@vrl.co.za]  
Sent: 29 April 2010 02:14 PM  
To: Annemarie van Brakel (annemariea@social.mpu.gov.za)  
Subject: Hans Hoheisen Wildlife Research Station - EIA:Draft Scoping report for comment

From: Allen Dibakoane [DibakoaneA@mpg.gov.za]  
Sent: 12 April 2010 02:38 PM  
To: Steve Henwood  
Subject: Re: APOLOGY

>>> "Steve" <steve@vrl.co.za> 3/29/2010 3:38 PM >>>

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Allen Dibakoane

26th March 2010

Per email: dibakoane@mpg.gov.za

Dear Allen,

Please forward this invitation to the relevant parties with your organisation.

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH  
INSTITUTE, ON PORTION 2 OF THE FARM KEMPIANA 90 KU

You are invited to a public meeting that will take place, on the 12th April 2010, at 14 pm. We will meet on site (Hans Hoheisen Research Institute) adjacent to Orpen Gate.

Attached please find a map to direct you to the meeting venue. Please be so kind as to advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

Dear Steve

Please accept my apology for not attending the meetingschedule for today 12/04/2010 at 14H00 as per your invitation.

Mr Ngwenya TNis attending another meeting with DEDET at Nelspruit together with Mr Chiolane DD they supposed to be part of today's meeting their apology is forwarded to you as well.

regards

Allen Dibakoane

Regards

Steven Henwood (Nat Dip. Nature Conservation)

V&L Landscape Architects

P O Box 26696

Steiltes

Nelspruit

1213

013 744 3759 (Tel/Fax)

From: Steve [steve@vrl.co.za]  
Sent: 01 April 2010 09:21 AM  
To: 'SPDuma@deat.gov.za'  
Subject: Hans Hoheisen EIA - Departmental Site Meeting  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Importance: High

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Sindiswa Duma

1st April 2010

Per e-mail: SPDuma@deat.gov.za

Dear Sindiswa

SITE MEETING

FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

You are invited to a Departmental site meeting that will take place, on the 12th April 2010, at 10am. We will meet on site (Hans Hoheisen Research Institute) adjacent to Orpen Gate.

Attached please find a map to direct you to the meeting venue. Please be so kind as to advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

SPDuma@deat.gov.za  
Subject: Hans Hoheisen EIA - Departmental Site Meeting

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'PSkepe@deat.gov.za'  
Subject: Departmental Meeting for Hans Hoheisen Research Institute EIA  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Ms. Pumeza Skepe-Mngcita

26th March 2010

Per e-mail: PSkepe@deat.gov.za

Dear Pumeza

SITE MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

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Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

PSkepe@deat.gov.za

Subject: Departmental Meeting for Hans Hoheisen Research Institute EIA

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'FRawjee@deat.go.za'  
Subject: Departmental Meeting for Hans Hoheisen Research Institute EIA  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Mr Dumisani Mthembu & Ms Fatima Rawjee

26th March 2010

Per e-mail: FRawjee@deat.go.za

Dear Mr. Mthembu and Ms. Rawjee

Please forward this invitation to the relevant officer in waste management.

SITE MEETING

FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
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Please do not hesitate to contact me should you have any enquiry.

Regards  
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V&L Landscape Architects  
P O Box 26696  
Steilties  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification  
was not sent by the destination:

FRawjee@deat.gov.za  
Subject: Departmental Meeting for Hans Hoheisen Research Institute EIA



From: Steve [steve@vrl.co.za]  
Sent: 29 March 2010 09:51 AM  
To: 'Ben@NELVET1.agric.za'  
Subject: Departmental Site Meeting - Hans Hoheisen Wildlife Research Institute Upgrade EIA  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 17/2/2/2 MP - 92 (Lydenburg Townlands)

Your Ref: Director Mpumalanga Veterinary Services

29 March 2010

Per e-mail: Ben@NELVET1.agric.za

Dear Ben

DEPARTMENTAL SITE MEETING  
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Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:  
Ben@NELVET1.agric.za  
Subject: Departmental Site Meeting - Hans Hoheisen Wildlife Research Institute Upgrade EIA

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'mngunib@dwaf.gov.za'  
Subject: Departmental Meeting for Hans Hoheisen Research Institute EIA  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Betty Nguni (DWAF Water Quality)

26th March 2010

Per e-mail: mngunib@dwaf.gov.za

Dear Betty

Please forward this invitation to the relevant person within Water Quality.

SITE MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2 OF  
THE FARM KEMPTIANA 90 KU

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advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Herwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:  
mngunib@dwaf.gov.za  
Subject: Departmental Meeting for Hans Hoheisen Research Institute EIA

## Invitations (2012 process)

**From:** Mandy van der Westhuizen <mandy@vrl.co.za>   
**Subject:** Query regarding requirement for Air Emissions Licence  
**Date:** 29 November 2012 12:10:14 PM SAST  
**To:** Lmoja@environment.gov.za  
**Cc:** Dereck Milburn <dereck@vrl.co.za>, Peter Velcich <pete@vrl.co.za>

1 Attachment, 747 KB

Good Morning Lerato

I am Environmental Assessment Practitioner facilitating an Integrated Application for Environmental Authorisation (i.e. EIA and Waste) for the proposed upgrade of the existing Hans Hoheisen Wildlife Research Station located in Mpumalanga, near Orpen Gate. A component of the proposed upgrade is an incinerator, in which veterinary waste will be incinerated. At this stage it is anticipated that the capacity of the incinerator will be in excess of 10kg per hour, and thus represents a Category 8 activity as listed in GNR 33064.

In this regard, the EIA will need to address the requirement for an Air Emissions Licence, and your department will need to be involved in the EIA process. This email therefore serves to invite you to participate in this EIA process as the representative of this Compliance Authority (i.e. Air Quality).

The EIA process is at scoping stage, and the Draft Scoping Report is nearing completion (*NEAS Ref: DEA/EIA/0001347/2012; Reference: 14/12/16/3/3/3/48*). We hope to be able to circulate this DSR to stakeholders and compliance authorities before the end of the year, or in early January. No designs for the incinerator have yet been undertaken - this has been recommended as a specialist study to be undertaken as part of the EIA phase. At present, only anticipated capacities of waste to be incinerated are known.

For your convenience, I attach a document giving some background information on the project and the environment. Please be so kind as to respond to this email as follows:

- Please confirm that you are the correct person with whom I should liaise in terms of the EIA process
- Please advise in terms of any specific issues we would need to address during EIA phase
- Please advise of the potential requirement for an Atmospheric Emission License, based on the project information provided, the application process and the timing of this application (i.e. must this be undertaken in parallel with the EIA, or can it happen after the EIA process has concluded).

I look forward to hearing from you soon.

Thanks and best regards

**Mandy van der Westhuizen (PrLArch)**

083 556 7307



[background...12 \(747 KB\)](#)

**From:** Mandy van der Westhuizen <[vanderwesthuizen.mandy@gmail.com](mailto:vanderwesthuizen.mandy@gmail.com)>  
**Subject:** Draft Scoping Report for the proposed Upgrade of the Hans Hoheisen Wildlife Research Station, Mpumalanga  
**Date:** 15 January 2013 2:14:11 PM SAST  
**To:** [brikhotso@mpg.gov.za](mailto:brikhotso@mpg.gov.za)  
**Cc:** [ouparikhotso@yahoo.com](mailto:ouparikhotso@yahoo.com)



Dear Dr Rikhotsso

As per our telephone conversation, a number of upgrades are proposed for the Hans Hoheisen Wildlife Research Station. The nature of these proposed upgrades triggers the requirement for Environmental Authorisation, and as such, an Environmental Impact Assessment process is underway. Mpumalanga Veterinary Services is an identified Stakeholder in this process. The process started in 2010, but was then put on hold due to lack of information. The process is now underway again. Previously, Dr Ben du Plessis represented your organisation. I believe, however, that you now fill this position. As stakeholder, you are invited to comment on all documentation, and provide input, comment concerns etc as you see appropriate. As Environmental Assessment Practitioner, it is our obligation to respond to these comments.

In terms of the above process, the Draft Basic Assessment Report and all Appendices for the proposed project (NEAS Ref DEA/EIA/0001374/2012; DEA Ref 14/12/16/3/3/3/48) is now available for comment. Please follow the link to download the documents:

<https://www.dropbox.com/sh/ataeckg6aeke95v/H3bDVeqlJh>

Please let me know if you would like to receive a CD containing the report and appendices. If you experience any difficulty in downloading the documents, or have any questions relating to the project or EIA process, please do not hesitate to contact me (details below).

As required by the EIA regulations, a 30 day comment period is given for public stakeholders commencing on Monday 14 January 2013 and ending on Monday 11 February 2013.

If you have received this email in error, please be so kind as to inform the sender.

I look forward to receiving any comments that you may have.

Mandy van der Westhuizen (PrLArch)

for V&L Landscape Architects  
[mandy@vrl.co.za](mailto:mandy@vrl.co.za)  
[vanderwesthuizen.mandy@gmail.com](mailto:vanderwesthuizen.mandy@gmail.com)  
083 556 7307

Written Correspondence forwarded to Authorities following the Public and Departmental meeting  
held on site on 12 April 2010

Minutes of Public Meeting for Hans Hoheisen Wildlife Research Station. Ref 1212201820  
2012/11/29 4:25 PM

From: Craig Gebhardt [craig@vrl.co.za]  
Sent: 16 April 2010 03:57 PM  
Cc: Steve Henwood  
Subject: Minutes of Public Meeting for Hans Hoheisen Wildlife Research Station. Ref  
12/12/20/1820  
Attachments: MINUTES OF THE PUBLIC MEETING.doc

Good Afternoon

Please find attached the minutes of the EIA public meeting held at Hans Hoheisen Wildlife Research Station. These minutes capture the primary issues that were discussed by I&APs.

These minutes are being sent to you since you indicated that you would not be able to attend the departmental site visit and public meeting on the 12th April 2010, but wished to be kept informed of the proceedings.

Ms Pumeza Skepe-Mngcita of DEA: Environmental Management visited the site on 13th April 2010 and inspected the current and planned facilities. DAFF was represented at the site visit by the State Veterinarian for Orpen.

The following Departments were invited to attend a site visit on either the 12th or 13th of April 2010, but indicated that they could not attend. It was requested that minutes of the Public meeting be forwarded to them.

- \* DEA: Waste Management
- \* Department of Water Affairs
- \* Department of Health
- \* MTPA Veterinary Services
- \* Bushbuck Ridge Local Municipality

We aim to submit the Draft scoping report for comment by the end of April 2010.

Please contact myself or Steven Henwood [steve@vrl.co.za](mailto:steve@vrl.co.za) should you wish to make any further comments or to gain clarification on any issues.

Regards,

Craig Gebhardt  
V&L Landscape Architects  
013 744 3759  
082 744 7153  
[craig@vrl.co.za](mailto:craig@vrl.co.za)

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This message has been scanned for viruses and dangerous content by MailScanner, and is believed to be clean.

Page 1 of 1



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Fedsure Building · 315 Pretorius Street · PRETORIA  
Tel (+ 27 12) 310 3911 Fax (+ 2712) 322 2682

Reference: 12/12/20/1820

Enquiries: Fiona Grimett

Telephone: 012-310-3061 Fax: 012-320-7539 E-mail: [FGrimett@environment.gov.za](mailto:FGrimett@environment.gov.za)

Mr Craig Gebhardt  
V&L Landscape Architects  
PO Box 26696  
**NELSPRUIT**  
1213

Fax no: 013 744 3759

### PER FACSIMILE / MAIL

Dear Mr Gebhardt

#### **APPLICATION FOR ENVIRONMENTAL AUTHORISATION: THE PROPOSED IMPROVEMENT OF THE HANS HOHEISEN WILDLIFE RESEARCH STATION, PORTION 2 OF THE FARM KEMPIANA 90KU WITHIN THE BUSHBUCK RIDGE MUNICIPALITY, MPUMALANGA PROVINCE**

The Final Scoping Report (FSR) and Plan of Study for the Environmental Impact Assessment (EIA) dated 19 July 2010, received by the Department on 22 July 2010 and acknowledged on 30 July 2010 refers.

The Department has evaluated the FSR and Plan of Study for EIA submitted in respect of the above-mentioned application. The FSR does not meet the minimum requirements of the Environmental Impact Assessment Regulations, 2006. You are hereby required to amend the FSR and Plan of Study for EIA in terms of GN R.385 (31) (1) (b) of the EIA Regulations, 2006.

The following items are of relevance in the decision.

#### **4 Public Participation**

- 1.1 Proof of notification of Interested and Affected Parties (I&APs) has not been included in the report as required in terms of Regulation 29 (h) (i) of GN R.385 (21 April 2006).
- 2 In terms of Regulation 30 (a) of GN R.385, you are required to attach copies of any written representations, objections and comments received from I&APs in connection with the application or the scoping report. This is required in addition to the Issues and Response Report in which issues from I&APs are summarised. Should comment not be in written format (i.e. telephonic comment or comment obtained from meetings), this can be indicated as such in the Issues and Response Report. For future applications made to this department, please

note that you are also required to include in the Issues and Response Report, the date on which comments were received, as per Regulation 29 (h) (iv) of GN R.385 .

The FSR indicates on page 28 that initial comments from the relevant authorities in the study area are attached, however comments from and / or proof of notification has not been attached for all of the authorities listed.

- 1.3 The advertisement attached in the FSR (Appendix C, Annexure A) is not adequate proof that the required notice was displayed in the relevant newspaper. You are requested to submit a clipping of the advertisement in which it is shown in the context of other adverts or articles in that newspaper. Such clipping should preferably include the name and date of the newspaper in which the advertisement was displayed.
- 1.4 The FSR does not include a complete database / list of registered I&APs as required by Regulation 29 (h) (iii) of GN R.385. The meeting attendance registers attached in the FSR do not suffice in this respect, as the Interim Issues and Response Report attached in the FSR indicates a number of I&APs not included in the meeting attendance registers.

## 2 CONFLICTING AND INSUFFICIENT INFORMATION

There is some inconsistency and insufficiency of information in the FSR which needs to be addressed. In particular, a more complete list of potential impacts is provided only in the Executive Summary (Section 1, page 9 and 10 of the FSR) and the Background Information Document attached in Annexure C of the report, but not in the main body of the report itself. Section 9 of the FSR (Environmental Issues, Potential Impacts and Mitigation Measures, page 33) includes only a brief summary of potential impacts and does not include all of the impacts listed in the Executive Summary. Impacts which have been left out in Section 9 of the FSR include those of air pollution, odour and disease risk. Aside from a brief discussion in the Executive Summary, no further discussion is provided on these issues in the FSR. It is unclear therefore as to whether they will be assessed in the Environmental Impact Report (EIR), or whether they have been determined to be insignificant and will therefore not be carried through to the EIA phase.

The FSR proceeds to recommend only an ecological specialist study and engineering and specialist design reports into the various applicable waste treatment technologies. The FSR does not state what specific specialist studies will be commissioned to assess the alternative waste treatment technologies. It is therefore not clear as to whether the potential impacts of air pollution, odour and disease risk are to be assessed within this suite of studies, or if the EAP intends to assess these impacts in the EIA phase. The Plan of Study for EIA also does not provide further clarity on the specific specialist tasks to be undertaken, or include the specialists Terms of Reference which would assist this Department in determining the adequacy of the Plan of Study for EIA.

It is noted that the Background Information Document (BID), attached as annexure C of the report, does indicate the client's intent to provide input on the issue of disease risk to humans and wildlife (due to the station being used for research into diseases). In the minutes of the public meeting however, the EAP indicated that the client (the University of Pretoria) would provide an initial inventory but that an external specialist would undertake further scans. The BID also indicates that the client will provide input on noise and odour issues.

You are hereby advised to amend the report to include a discussion on the above-mentioned issues and confirm whether they will be assessed in the EIA phase. It is also recommended that you provide independent opinion on the issue of Disease Risk.

The following issues are of particular importance.

## 2.1 Air Pollution

- 2.1.1 Section 8.5 of the FSR (page 32) lists the Air Quality Act, 2004 (Act No. 39 of 2004) (AQA) as legislation which is relevant to the project, stating that a list of activities which result in atmospheric emissions will be published in terms of AQA. In terms of this list, a minimum emission standard will be established in respect of a substance resulting from a listed activity and which requires an atmospheric emission license before being commenced. No further information is provided in the FSR as to how this legislation will affect the application.

You are hereby advised that the above mentioned list of activities which result in atmospheric emissions and which has or may have a significant detrimental effect on the environment, including health, social conditions, economic conditions, ecological conditions or cultural conditions, has since been published on 31 March 2010 (Government Notice No. 248) and came into effect on 1 April 2010. Of bearing to this project is the Category 8 activity included in the list, namely the Disposal of Hazardous and General Wastes. This applies to facilities where general and hazardous waste, including health care waste, crematoria or veterinary waste, are incinerated at facilities with an incinerator capacity of 10kg of waste processed per hour or larger capacity. The FSR (page 17) estimates maximum levels of necropsy waste quantities of not more than 1.5 tonnes per day (i.e. 1500kg per day). The proposed development may therefore trigger this Category 8 activity, however this issue has not been discussed in the FSR and an air quality specialist study / opinion has not been recommended to determine the significance of the issue. There is also no proof of notification of the relevant authority in terms of the possibility of obtaining an atmospheric emissions license.

- 2.1.2 The FSR states on page 10 (Section 1, Executive Summary) that a concern raised by I&APs is that of smell and smoke from the incineration of lab waste (cultures and medical supplies e.g. syringes and containers) which is likely to produce far greater odour and smoke risks than animal tissue. The EAP's response to this is that it should be monitored and controlled strictly. However, in the Issues and Response report the EAP responds to a similar issue by replying that the applicant does not intend to incinerate plastic wastes. Please clarify with a consistent response to the issue.

## 2.2 Soils and Groundwater Contamination

It is not certain from the FSR and the Plan of Study for EIA whether the issue of soil, ground and surface water contamination will be addressed in the EIA phase. The Department of Water Affairs (DWA) have indicated (in an email to the EAP dated 23 June 2010) their concerns regarding the possibility of ground and surface water pollution from waste and waste water. DWA further requested that information on geohydrology, drainage and floodlines be provided in the EIR and that the EIR considers the proximity of the Timbavati and the presence of groundwater abstraction points. The EAP has not confirmed whether this will be



considered in the EIR. Please clarify whether this issue is to be addressed within the suite of specialists studies commissioned to assess the alternative waste treatment technologies.

### 2.3 Heritage

The FSR indicates on page 32 (Section 8, Legislation and Guidelines) that the proposed development requires a Heritage Impact Assessment (HIA) to be undertaken as it involves changing the character of the site > 5000 m<sup>2</sup>. However, on page 9 (Section 1, Executive Summary) the FSR states that no heritage concerns have been identified and an HIA has not been included in the specialist studies. No where else in the report has a potential heritage impact been discussed. You are therefore advised to provide clarity on whether an HIA is required and to obtain comment from SAHRA if applicable.

### 2.4 Other

2.4.1 The FSR indicates that Management of Waste will be in accordance with the practices determined by bios-security level two (2) operations (BSL2), the regulations of which are attached as an addendum to the report (page 7). The BSL 2 regulations were not attached to the FSR. You are kindly requested to provide these regulations.

2.4.2 For the sake of clarity, please also correct in the Scoping Report the list of waste activities being applied for, specifically activities 4(1), 4(4) and 4(5), as these do not correspond to the activities listed in R718 of 2009.

In light of the above you are required to make the necessary amendments and resubmit three copies of the Scoping Report.

You are hereby reminded that the activity may not commence prior to an environmental authorisation being granted by the Department.

Yours faithfully



Ms Lize McCourt  
**CHIEF DIRECTOR: ENVIRONMENTAL IMPACT MANAGEMENT**  
Department of Environmental Affairs

Letter signed by: Mr Dumisani Mthembu  
Designation: Director: Environmental Impact Evaluation  
Date:

CC: Mr Robin Crewe  
Mr Charles Ndabeni

University of Pretoria  
Mpumalanga Tourism and Parks Authority

Fax: 012 420 3696  
Fax: 012 755 4014



## environmental affairs

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Enquiries: Tinyiko Miyambo Tel: (012) 310 3381 Fax: (012) 322 4832 Email: [Tmiyambo@deat.gov.za](mailto:Tmiyambo@deat.gov.za)

Mr. Danie Smit  
Deputy Director: Sensitive Environment, National and Antarctica & Islands

Dear Mr. Smit

**APPOINTMENT AS ACTING DIRECTOR: ENVIRONMENTAL IMPACT EVALUATION FOR THE PERIOD 27 AUGUST UNTIL 30 AUGUST WHILST MR DUMISANE MTHEMBU IS ON STUDY LEAVE.**

I hereby inform you that I have decided to appoint you as the Acting Director: Environmental Impact Evaluation for the period 27 August until 30 August 2010 whilst Mr Mthembu is on study leave.

All the correspondence and other documents that are usually signed by the Director: Environmental Impact Evaluation must be signed under Acting Director: Environmental Impact Evaluation during the above-mentioned period.

Your appointment in the above acting position remains subject to the provisions of the Public Service Act, 1994 (Proclamation No. 103 of 1994), as amended, the Government Employees Pension Fund Act, 1996 (Proclamation No. 21 of 1996), the regulations promulgated under these Acts and relevant circulars.

In the execution of your duties and the exercising of the powers delegated to you, you will furthermore be subjected to the provisions of the Public Finance Management Act, compliance with the Promotion of Access to Information Act, Promotion of Administrative Justice Act, the Minimum Information Security Standard, Departmental Policies and other applicable legislations with the Republic of South Africa. You are therefore advised to make yourself familiar with the provisions of this legislations and policies and the amendments thereof. (Copies of Departmental policies can be obtained from the Human Resource Office).

Please accept my heartfelt gratitude for all your assistance on behalf of the department.

Yours sincerely

Mr. Andre Share  
ACTING CHIEF OPERATING OFFICER  
DATE: 27 August 2010

### ACKNOWLEDGEMENT

I ACCEPT / DO NOT ACCEPT appointment as Acting Director: Environmental Impact Evaluation.

Signed:

Date: 27/08/2010



**environmental affairs**

Department:  
Environmental Affairs  
**REPUBLIC OF SOUTH AFRICA**

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**DEA Reference:** 12/12/20/1820  
**NEAS REF:** DEAT/EIA/12307/2011

**Enquiries:** Fiona Grimett

**Telephone:** 012-395-1793 **Fax:** 012-320-7539 **E-mail:** [fgrimett@environment.gov.za](mailto:fgrimett@environment.gov.za)

Mr Craig Gebhardt  
V&L Landscape Architects  
PO Box 26696  
**NELSPRUIT**  
1213

Fax no: 013 744 3759

**PER FACSIMILE / MAIL**

Dear Mr Gebhardt

**LAPSING OF APPLICATION: THE PROPOSED IMPROVEMENT OF THE HANS HOHEISEN WILDLIFE RESEARCH STATION, PORTION 2 OF THE FARM KEMPIANA 90KU WITHIN THE BUSHBUCK RIDGE MUNICIPALITY, MPUMALANGA PROVINCE**

The Final Scoping report submitted by you on 22 July 2010, the Department's request for the amendment of the Scoping Report on the 27 August 2010, and your correspondence dated 10 January 2011 refers.

A period of six months has lapsed since the Department requested an amendment of the Scoping Report for the above proposed development, and since you indicated in your correspondence that the amended Scoping Report would be submitted to the Department for review by the end of January 2011. In terms of regulation 77 of GN R.385 of 21 April 2006, an application in terms of these Regulations lapses if the applicant after having submitted the application fails, for a period of six months, to comply with a requirement in terms of these Regulations relating to the consideration of the application.

Please be advised that this Department has closed the file for all administration purposes and has withdrawn your correspondence with effect from the date of issue of this letter.

Should you decide to pursue the application again, please note that a new application for authorisation in terms of the NEMA EIA Regulations, 2010, must be submitted to this Department before such activity (ies) may commence.



Please note that the activity may not commence prior to an environmental authorisation being granted by the Department.

Yours sincerely



**Mr Ishaam Abader**

**Deputy Director-General: Environmental Quality and Protection**

**Department of Environmental Affairs**

**Letter signed by: Mr Dumisani Mthembu**

**Designation: Director: Environmental Impact Evaluation**

**Date: 15/08/2014**

CC: Mr Robin Crewe

University of Pretoria

Fax: 012 420 3696



## **environmental affairs**

**Department:  
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Ref. 12/9/11/L319/6

Enquiries: Mr Lucas Mahlangu

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Email: lmahlangu@environment.gov.za

www.environment.gov.za

V&L Landscape Architects  
P. O. BOX 26696  
NELSPRUIT  
1213

Fax No: (086) 672 5384

Attention: Graig Gebhardt


**WITHDRAWAL OF APPLICATION FOR A WASTE MANAGEMENT LICENCE  
APPLIED FOR IN TERMS OF THE NATIONAL WASTE MANAGEMENT: WASTE  
ACT, 2008 (No. 59 of 2008): HANS HOHEISEN WILDLIFE RESEARCH STATION.**

The Department received the said application on 31/03/2010 and acknowledged receipt thereof on 10/04/2010.

1. In light of the fact that no further correspondence or action from the applicant with regard to information as directed by the acknowledgement letter, the Department hereby give notice of Intention to withdraw your application in terms of Regulations 77 of Government Notice (GN) No. R543 of the National Environmental Management Act, Act 107 of 1998, should you further fail to comply, within the next 30 days from the signing of this letter.
2. It has been determined that the proposed development constitutes listed activity in terms of GN No. 718 of 03 July 2009.
3. You are reminded that a waste management licence is required from this Department prior to undertaking the activity as listed on GN 718.

4. Furthermore the activity may not commence prior to a waste management activity licence being granted by the Department.

Yours sincerely

  
Ms Nolyazi Cobbinah  
Acting Director-General: EQP  
Department Environmental Affairs  
Letter signed by Mr Lucas Mahlangu  
Designation: Deputy Director: Systems  
Date: 2010/12/17



**SOUTH AFRICAN HERITAGE  
RESOURCES AGENCY**

111 HARRINGTON STREET, CAPE TOWN, 8000  
PO BOX 4637, CAPE TOWN, 8000  
TEL: (021) 462 4502 FAX: (021) 462 4509

DATE: Phillip Hine  
ENQUIRIES: Mr. Phillip Hine  
Archaeology, Palaeontology and Meteorite Unit  
E-mail: phine@sahra.org.za  
Web site: www.sahra.org.za

YOUR REF: 12/12/20/1820  
OUR REF: 9/2/285/0004

V&L Landscape Architects  
P.O. Box 26696  
Steiltes  
Nelspruit  
1213

Dear Sir/Madam

**HANS HOHEISEN WILDLIFE RESEARCH STATION UPGRADE.  
ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: BACKGROUND  
INFORMATION DOCUMENT.**

Thank you for your indication that development is to take place in this area.

In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that before such sites are disturbed by development it is incumbent on the developer (or mine) to ensure that a **Heritage Impact Assessment** is done. This must include the archaeological component (Phase 1) and any other applicable heritage components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required.

In your application it was indicated that the proposed development is aimed at refurbishing and upgrading the facilities of the existing wildlife research



station, including the accommodation currently on the premises. It is also noted that the development will include the expansion of offices, new staff accommodation, guest housing and camp site, roads and services, waste treatment, waste storage and waste disposal.

Although, it was indicated in your application that the area has been disturbed by past activities and no significant cultural remains exist on the property, no indication of a professional assessment was given.

- ***However, if the property is very small or disturbed and there is no significant site the specialist may choose to send a letter to the heritage authority to indicate that there is no necessity for any further assessment.***

Where bedrock is to be affected, or where there are coastal sediments, or marine or river terraces and in potentially fossiliferous superficial deposits, a Palaeontological Desk Top study must be undertaken to assess whether or not the development will impact upon palaeontological resources - or at least a letter of exemption from a Palaeontologist is needed to indicate that this is unnecessary. If the area is deemed sensitive, a full Phase 1 Palaeontological Impact Assessment will be required and if necessary a Phase 2 rescue operation might be necessary. (See attached list of accredited Palaeontologists).

Any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

Attached please find a list of archaeological and palaeontological specialists who may be contacted to undertake the necessary archaeological or palaeontological impact assessments.

Yours sincerely



PP Nonofho Ndobochani  
SAHRA: Archaeology, Palaeontology and Meteorite Unit  
For: CHIEF EXECUTIVE OFFICER

Copy: PHRA **Mpumalanga** Office

Appendices: List of accredited Palaeontologists.  
See [www.asapa.org.za](http://www.asapa.org.za) for a list of CRM archaeologists.





## water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

MPUMALANGA

Private Bag x11259, Nelspruit, 1200. Prorom Building, Cnr Brown & Paul Kruger Street

**Enq: Mbali Dlamini**

**Email: dlamini@dwa.gov.za**

**Tel: (013) 759 7319**

**Fax: 086 656 5600**

**Ref. : 26/8/1/10**

V & L LANDSCAPE ARCHITECTS

PO BOX 26696

Steiltes

1213

Fax: 013 744 3759

Attention: Craig Gebhardt

**HANS HOHEISEN WILDLIFE RESEARCH STATION, PORTION 2 OF THE FARM  
KEMPIANA 90 KU, MPUMALANGA.**

Comments with reference to the above-mentioned application, based on the 'Draft Scoping Report' dated 29 April 2010.

The Department of Water Affairs (DWA) is responsible for implementing the National Water Act (Act 36 of 1998). The purpose of the National Water Act, (Act 36 of 1998), hereafter called the Act, is to ensure that water resources are protected, used, developed, conserved, managed and controlled.

The National Water Act, 1998(Act 36 of 1998) referred to as the Act hereafter, defines a watercourse as:

- (a) a river or spring
- (b) a natural channel in which water flows regularly or intermittently
- (c) a wetland, lake or dam into which, or from which, water flows; and
- (d) any collection of water, which the Minister may, by notice in the *Gazette*, declare to be a watercourse, and where relevant, its beds and banks.

The Act defines a wetland as "land which is transitional between terrestrial and aquatic systems where the water table is usually at or near the surface, or the land is periodically covered with shallow water, and which land in normal circumstances supports or would support vegetation typically adapted to life in saturated soil."

Section 21 of the Act states the following activities as water uses:-

- (a) taking water from a water resource; (borehole/pump)
- (b) storing water; (dam/weir)
- (c) impeding or diverting the flow of water in a watercourse; (river diversion/ low water bridge, etc)
- (d) engaging in stream flow reduction activity contemplated in section 36;
- (e) engaging in a controlled activity identified as such in section 37(1) or declared under section 38(1);

- (f) discharging waste or water containing waste into a water resource through a pipe, canal, sewer, sea outfall or other conduit;
- (g) disposing of waste in a manner which may detrimentally impact on a water resource;
- (h) disposing in any manner of water which contains waste from, or which has been heated in, any industrial or power generation process;
- (i) altering the bed, banks, course or characteristics of a watercourse (roads, mining, buildings, pipes, etc);
- (j) removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people; and
- (k) using water for recreational purposes.

Any development that involves any of the above activities listed in section 21 of the Act needs to be licensed, or registered if permissible under General Authorization by the Department of Water Affairs.

The Department has, in principle, no objection against the proposed development, provided the development does not impact on any watercourses or cause any pollution.

However, due to the limited information available within the Scoping Report, the Department would like to request the Full EIA and Specialist Studies be forwarded for comment when these become available.

**The following must be considered:**

The required water licenses must be applied for as per section 21 of the Act (above). All watercourses and wetlands must be delineated, and floodlines indicated on the layout map. The potential impacts on ground and surface water quality must be properly evaluated.

Please do not hesitate to contact this office should you require any further information.

Kind regards

  
REGIONAL HEAD: MPUMALANGA

DATE: 2010-09-29



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

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NEAS Reference: DEA/EIA/0001374/2012

Reference: 14/12/16/3/3/48

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*Pumeza  
(012) 310 3061.*

Ms Amanda van der Westhuizen  
V & L Landscape Architects cc  
PO Box 36723  
**MENLO PARK**  
Pretoria  
0102

Fax: 012 346 1292  
Tel: 012 346 1289

**PER FACSIMILE / MAIL**

Dear Ms Van Der Westhuizen

**ACKNOWLEDGEMENT OF RECEIPT AND ACCEPTANCE OF NEW APPLICATION FOR ENVIRONMENTAL AUTHORISATION (SCOPING/EIA PROCESS) FOR THE PROPOSED UPGRADE OF THE HANS HOHEISEN WILDLIFE RESEARCH STATION, MPUMALANGA PROVINCE**

The Department confirms having received the Integrated Application Form; and details of EAP and Declaration of Interest on 30 July 2012 and the Declaration signed by the applicant and a project schedule, indicating the different phases and expected timelines of the project (as per point 2.2 of the application form template) on 27 August 2012 for environmental authorisation for the abovementioned project. You have submitted these documents to comply with the Environmental Impact Assessment Regulations, 2010 and Government Notice 718 of 2009. The Application is accepted.

Please include both reference numbers (NEAS Reference and DEA Reference), as listed above, on all documents and correspondence submitted to the Department.

In addition, please consider the following during compilation of reports for this application for environmental authorisation:

- All applicable Departmental Guidelines must be considered throughout the application process. These can be downloaded from the Department's website: [www.environment.gov.za](http://www.environment.gov.za), Environmental Impact Management button, listed under "EIA Administration": Integrated Environmental Management Information Series link. These include, but are not limited to, the following topics: Scoping, Environmental Impact



Reporting, Stakeholder Engagement, Specialist Studies, Impact Significance, Cumulative Effects Assessments, Alternatives in EIA and Environmental Management Plans.

- Please be advised that in terms of the EIA Regulations and NEMA the investigation of alternatives is mandatory. Alternatives must therefore be identified, investigated to determine if they are feasible and reasonable. It is also mandatory to investigate and assess the option of not proceeding with the proposed activity (the "no-go" option).
- Should water, solid waste removal, effluent discharge, stormwater management and electricity services be provided by the municipality, you are requested to provide this office with written proof that the municipality has sufficient capacity to provide the necessary services to the proposed development. Confirmation of the availability of services from the service providers must be provided together with the reports to be submitted.
- In the reports to be submitted it must clearly be demonstrated in which way the proposed development will meet the requirements of sustainable development. You must also consider energy efficient technologies and water saving devices and technologies for the proposed development. This could include measures such as the recycling of waste, the use of low voltage or compact fluorescent lights instead of incandescent globes, maximising the use of solar heating, the use of dual flush toilets and low-flow shower heads and taps, the management of storm water, the capture and use of rainwater from gutters and roofs, the use of locally indigenous vegetation during landscaping and the training of staff to implement good housekeeping techniques.
- A detailed and complete EMPr must be submitted with the EIR. This EMPr must not provide recommendations but must indicate actual remediation activities which will be binding on the applicant. Without this EMPr the documents will be regarded as not meeting the requirements and will be returned to the applicant for correction.
- The applicant/EAP is required to inform this Department in writing upon submission of any draft report, of the contact details of the relevant State Departments (that administer laws relating to a matter affecting the environment) to whom copies of the draft report were submitted for comment. Upon receipt of this confirmation, this Department will in accordance with Section 24O(2) & (3) of the National Environmental Management Act, 1998 (Act 107 of 1998) inform the relevant State Departments of the commencement date of the 40 day commenting period, or 60 days in the case of the Department of Water Affairs for waste management activities which also require a licence in terms of the National Water Act, 1998 (Act 36 of 1998).
- Should it be necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999), please submit the necessary application to SAHRA or the relevant provincial heritage agency and submit proof thereof with the Basic Assessment Report/Environmental Impact Assessment Report. The relevant heritage agency should also be involved during the public participation process and have the opportunity to comment on all the reports to be submitted to this Department.

You are required to submit the final site layout plan together with the Final EIR to the Department. All available biodiversity information must be used in the finalisation of the layout plan.

The Environmental Management Programme (EMPr) submitted as part of the application for environmental authorisation must include the following:

- All recommendations and mitigation measures to be recorded in the Final EIR.
- A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar with the site in consultation with the ECO and be implemented prior to commencement of the construction phase.

- An open space management plan to be implemented during the construction and operation of the facility.
- A re-vegetation and habitat rehabilitation plan to be implemented during the construction and operation of the facility including timeframes for restoration which must indicate rehabilitation within the shortest possible time after completion of construction activities to reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.
- An alien invasive management plan to be implemented during construction and operation of the facility. The plan must include mitigation measures to reduce the invasion of alien species and ensure that the continuous monitoring and removal of alien species is undertaken.
- A storm water management plan to be implemented during the construction and operation of the facility. The plan must ensure compliance with applicable regulations and prevent off-site migration of contaminated storm water or increased soil erosion. The plan must include the construction of appropriate design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.
- An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.
- An erosion management plan for monitoring and rehabilitating erosion events associated with the facility. Appropriate erosion mitigation must form part of this plan to prevent and reduce the risk of any potential erosion.
- A traffic management plan for the site access roads to ensure that no hazards would result from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimize impacts on local commuters e.g. limiting construction vehicles travelling on public roadways during the morning and late afternoon commute time and avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.
- An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.
- Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.

You are requested to submit two (2) electronic copies (the main report must be separated from the Appendices (each appendix saved separately) (CD/DVD) and two (2) hard copies of both the Draft and Final Report to the Department. The hard copies must be double-sided printed; double-punched and must be bound using a lever arch file (two or four holes).

The EAP must, in order to give effect to regulation 56 (2), before submitting the final Environmental Impact Assessment Report to the Department give registered interested and affected parties access to, and an opportunity to comment on the report in writing within 21 days.

In terms of regulation 67 of the EIA Regulations, 2010 this application will lapse if the applicant (or the EAP on behalf of the applicant) fails to comply with a requirement in terms of the

Regulations for a period of six months after having submitted the application, unless the reasons for failure have been communicated to and accepted by this Department.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours sincerely



Mr Mark Gordon

**Chief Director: Integrated Environmental Authorisations  
Department of Environmental Affairs**

**Letter signed by: Ms Mmatiala Rabothata**

**Designation: Environmental Officer: Integrated Environmental Authorisations**

**Date: 10/09/12.**

CC:	Prof Stephanie Burton	University of Pretoria	Tel: 012 420 2946	Fax: 012 420 3696
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DEA Approval of Exemption from certain provisions of the Public Participation Process (Current Application)



**environmental affairs**

Department:  
Environmental Affairs  
**REPUBLIC OF SOUTH AFRICA**

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**DEA Reference: 14/12/16/3/3/3/48**

**Enquiries: Ms Pumeza Skepe-Mngcita**

**Telephone: 012-395-3061 Fax: 012-320-7539 E-mail: [PSkepe@environment.gov.za](mailto:PSkepe@environment.gov.za)**

Ms Mandy van der Westhuizen  
L & V Landscape Architects  
PO Box 36723  
**MENLO PARK**  
0102

Fax No: 012 346 1289  
Tel. No. 012 346 1292

**PER FACSIMILE / MAIL**

Dear Ms Van der Westhuisen

**REQUEST FOR EXEMPTION FROM CERTAIN PROVISIONS OF THE PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED IMPROVEMENT OF HANS HOHEISEN ANIMAL RESEARCH STATION ON PORTION 2 OF THE FARM KEMPIANA SOKU, WITHIN THE KRUGER NATIONAL PARK, MPUMALANGA PROVINCE**

The motivation letter requesting exemption from certain provisions of the public participation process for the abovementioned development dated 17 October 2012 and received by the Department on 02 November 2012 refers.

The Department has evaluated the submitted request dated 17 October 2012 and has decided to grant exemption for the following:

- Advertisement of project in printed media;
- Advertisement of the proposed project on site; and
- Allowance of a 30 day registration period of I&APs.

Other aspects of the public participation process must be conducted in fulfilment of the requirements as stipulated in Regulation 54 of GN R.543 of 18 June 2010.

Please note that the identified I&APs, stakeholders and authorities must be contacted in writing to inform them of the current application in terms of EIA Regulations 2010.

Yours sincerely

**Mr Mark Gordon**  
**Chief Director: Integrated Environmental Authorisation**  
**Letter signed by: Ms Milicent Solomons**  
**Designation: Director: Integrated Environmental Authorisations**  
**Department of Environmental Affairs**  
Date: 22/3/2013.



**environmental affairs**

Department:  
Environmental Affairs  
**REPUBLIC OF SOUTH AFRICA**

Private Bag X 447 · PRETORIA · 0001 · Fedsure Building · 315 Pretorius Street · PRETORIA  
Tel (+ 27 12) 310 3911 · Fax (+ 2712) 322 2682

**NEAS Reference:**

**DEA Reference:** 14/12/16/3/3/3/48

**Enquiries:** Fiona Grimett

**Telephone:** 012-395-1793 **Fax:** 012-320-7539 **E-mail:** Fgrimett@environment.gov.za

Ms Mandy van der Westhuizen  
V&L Landscape Architects  
PO Box 36723  
**MENLO PARK**  
0102

Fax and Tel No: 012 346 1292

**PER FACSIMILE / MAIL**

Dear Ms van der Westhuizen

**APPLICATION FOR DEVIATION FROM THE PUBLIC PARTICIPATION REQUIREMENTS OF THE NEMA EIA REGULATIONS: PROPOSED UPGRADE OF THE HANS HOHEISEN WILDLIFE RESEARCH STATION, PORTION 2 OF THE FARM KEMPIANA 90KU WITHIN THE BUSHBUCKRIDGE MUNICIPALITY, MPUMALANGA PROVINCE**

The abovementioned application and the letter dated 17 October 2012 requesting permission to deviate from the public participation process (PPP) refer.

The purpose of this letter is to provide a response to your request to deviate from the public participation process (PPP). You may proceed with the PPP detailed in the letter dated 17 October 2012, provided that the PPP followed complies with the rest of the requirements of Regulation 54 of GN R.543 of 18 June 2010.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours sincerely

**Mr Mark Gordon**  
**Chief Director: Integrated Environmental Authorisations**  
**Department of Environmental Affairs**  
**Letter signed by: Mr Coenrad Agenbach**  
**Designation: Acting Director: Integrated Environmental Authorisations**  
**Date 14/05/2013**

CC:	Prof. Stephanie Burton	University of Pretoria	Tel: 012 420 2946	Fax: 012 420 3696
	Ms Robyn Luyt	MDEDET	Tel: 013 766 4004	Fax: 013 766 4614



# MPUMALANGA PROVINCIAL GOVERNMENT

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No. 7 Government Boulevard  
Riverside Park Extension 2  
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1200  
South Africa



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## Department of Economic Development, Environment and Tourism

Litiko Letekutfutukiswa  
Kwetemnotfo, Simondzwo netekuVakasha

Umngango WezokuThuthukiswa  
KoMnotho, iBhoduluko nezamaVakafjho

Departement van Ekonomiese  
Ontwikkeling, Omgewing en Toerisme

Enq: Robyn Luyt  
Tel: (013) 766 4826  
Ref: 17/2/5/E-270

**Mandy van der Westhuizen**  
**V&L Landscape Architects**  
**P.O. Box 36723**  
**Menlo Park**  
**Pretoria**  
**0102**

**Fax no: 012 346 1292**  
**Email: mandy@vrl.co.za**

Dear Madam,


### **DRAFT SCOPING REPORT: THE PROPOSED UPGRADE OF THE HANS HOHEISEN WILDLIFE RESEARCH STATION ON PORTION 2 OF THE FARM KEMPIANA 90 KU**

The abovementioned report, submitted to this Department on 15 January 2013, has reference.

This Department therefore has no objection to the draft scoping report, and is satisfied with the plan of study for environmental impact assessment and the terms of reference for specialist investigations.

Please contact this Department should you have any further enquiries.

Yours sincerely,

  
**Ms N.V. MDHLULI**  
**DD: ENVIRONMENTAL IMPACT MANAGEMENT**  
**DATE: 28/02/2013**



From: "Robyn Luyt" <rluyt@mpg.gov.za>  
Subject: CORRECTION Re: Final Scoping Report for the proposed Upgrade of the Hans Hoheisen Wildlife Research  
Date: 05 March 2013 1:01:42 PM SAST  
To: "Mandy van der Westhuizen" <vanderwesthuizen.mandy@gmail.com>

---

Good day Mandy,

As indicated in our comments, this Department was satisfied with the draft scoping report and plan of study for EIA. We therefore do not require a copy of the final scoping report, and will await the draft EIR.

Kind Regards  
Robyn

**Robyn Luyt** B.Sc (Hons) M.Sc., Pr.Sci.Nat. (400327/11)  
**ENVIRONMENTAL IMPACT MANAGEMENT** (Ehlanzeni District)  
Mpumalanga Department of Economic Development, Environment & Tourism  
44 Murray Street, Nelspruit, 1200

>>> Mandy van der Westhuizen <vanderwesthuizen.mandy@gmail.com> 3/4/2013 4:24 pm >>>

Dear Compliance Authority

Please be advised that the **Final Scoping Report (FSR)** and Appendices for the above project (NEAS Ref DEA/EIA/0001374/2012; DEA Ref 14/12/16/3/3/3/48) has been submitted to the Department of Environmental Affairs for consideration.

The Draft Scoping Report (DSR) was made available to all registered Stakeholders and Compliance Authorities from 14 January 2013 – 11 February 2013. Feedback on the DSR was received only from the Mpumalanga Department of Economic Development, Environment and Tourism. This feedback has been included in the Issues and Responses report, included in Appendix A of the FSR. No other comments on the DSR were received.

Please follow the link to download the FSR documents:

[https://www.dropbox.com/sh/f9aba03nsqfh5m9/ITByT\\_NZ3i?m](https://www.dropbox.com/sh/f9aba03nsqfh5m9/ITByT_NZ3i?m)

Please let me know if you would like to receive a hard copy or a CD containing the report and appendices. If you experience difficulty in downloading the documents, or have any questions relating to the project or the EIA process, please do not hesitate to contact me.

Yours sincerely

Mandy van der Westhuizen (PrLArch)

for V&L Landscape Architects  
083 556 7307  
vanderwesthuizen.mandy@gmail.com

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Ref: LUA 13/141  
Unit: LUA/SS  
Enquiries: F.N. Krige  
Tel/ Fax: 013 2540279  
E-Mail: frans@mtpa.co.za

Attention: Ms. Mandy van der Westhuizen

**V&L Landscape Architects**  
P.O.Box 36723  
**PRETORIA**  
0102

Fax: 012- 346 1292 E-mail: mandy@vrl.co.za

Dear Ms. Vd Westhuizen

**SUBJECT: MTPA COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED UPGRADE OF HANS HOHEISEN WILDLIFE RESEARCH STATION ON PORTION 2 OF THE FARM KEMPIANA 90 KU, MPUMALANGA.**

With reference to your correspondence reference : DEA Ref: 14/12/16/3/3/3/48 of date 14 January 2013 herewith our comments:

MTPA has no objection to the proposed development or the sensitivity of the site. MTPA however requires that although the area of concern is relatively denuded and degraded we require that a vegetation study on the site is done in order to determine which plants such as succulents and trees are protected and which plants can be successfully rescued and relocated before construction takes place.

Furthermore we thank you for your very thorough Draft Basic Assessment Report that was received today.

Kind Regards

A handwritten signature in blue ink, appearing to read "J. Eksteen", is written over a horizontal dotted line.

**MR. J. EKSTEEN**  
**ACTING: SENIOR MANAGER SCIENTIFIC SERVICE**  
**DATE: 05/03/2013**

Confidentiality Notice: This internal memo contains information which may be legally privileged. This information is intended for the sole purpose of the addressee named above. Any copying, disclosure or action taken on reliance of the memo information is strictly prohibited.

A decorative graphic element consisting of a curved, brush-stroke-like shape in shades of red and yellow, located at the bottom left of the page.

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www.mpumalanga.com

From:

To: 0123461292

08/04/2013 09:53

#788 P.001/001



Ref: LUA 13/141/223  
Unit: LUA/SS  
Enquiries: F.N. Krige  
Tel/ Fax: 013 2540279  
E-Mail: frans@mtpa.co.za

Attention: Ms. Mandy van der Westhuizen

**V&L: Landscape Architects**  
P.O.Box 36723  
PRETORIA  
0102

Fax: 012- 346 1292  
E-mail: mandy@vrl.co.za

Dear Ms. Van-der Westhuizen

**SUBJECT: MTPA COMMENTS ON THE FINAL SCOPING REPORT FOR THE PROPOSED UPGRADE OF HANS HOHEISEN WILDLIFE RESEARCH STATION ON PORTION 2 OF THE FARM KEMPIANA 90 KU, MPUMALANGA.**

With reference to your correspondence reference: DEA Ref: 14/12/16/3/3/3/48 of date 4 March 2013 herewith our comments:

MTPA has no objection to the proposed development or to the sensitivity of the site. MTPA however requires that although the area of concern is relatively denuded and degraded we require that studies be done on:

- Vegetation; in order to determine which plants such as succulents and trees are protected and which plants can be successfully rescued and relocated before construction takes place.
- Arachnids; since baboon spiders came up as a concern with earlier EIAs close to this area.

Furthermore we thank you for your thorough Final Scoping Report.

Kind Regards

A handwritten signature in black ink, appearing to read "J. Eksteen", is written over a horizontal dotted line.

MR. J. EKSTEEN  
ACTING: SENIOR MANAGER SS  
DATE: 08/04/2013

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**Hans Hoheisen Veterinary Research Station**

**Our Ref: 9/2/285/0004**

Enquiries: Jenna Lavin  
Tel: 021 462 4502  
Email: [jlavin@sahra.org.za](mailto:jlavin@sahra.org.za)  
CaseID: 1680

Date: Wednesday March 06, 2013  
Page No: 1



**Final Comment**

**In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)**

Attention: V&L Landscape Architects  
PO Box 36723  
Menlo Park  
0102

**The upgrade/expansion of the Hans Hoheisen Veterinary Research Station adjacent to the Orpen Gate of the Kruger National Park.**

Thank you for your indication that development is to take place in this area.

The proposed development is to establish waste services and to expand the footprint of the existing research station to include new offices, accommodation, bomas, cages and enclosures as well as upgraded roads and services on the 37ha property that sits adjacent to the Kruger National Park. This site has been used as an animal research facility since the 1970's however fell into a state of disrepair in the 1990's.

In terms of the National Heritage Resources Act (NHRA), no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years and structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority.

In terms of Sections 38(1) and (2) of the NHRA, any development that changes the character of a site that is greater than 5000m<sup>2</sup> may require a **Heritage Impact Assessment** that satisfies Section 38(3) of the NHRA. The role of the HIA is to identify and document all heritage resources as defined by the NHRA that may be impacted by the proposed development. Appropriate mitigation, which involves recording, sampling and dating sites that are to be destroyed, may be required depending on the nature and significance of the resources identified.

In your application received by SAHRA, it is indicated that the existing facility was commissioned and built in the 1970's and as such, there are no structures on site older than 60 years. No graves, archaeological or historical resources have been identified on site in the last 40 years. It is therefore unlikely that significant archaeological or historic resources will be impacted by the proposed development.

According to the geological summary included in the Draft Scoping Report, the site is underlain by Timbavati gabbro (Mokolian Erathem) as well as the potassic granite and gneiss of the Archaen basement and gneiss and migmatite of the Nelspruit Suite. It is therefore unlikely that significant palaeontological resources will be impacted by the proposed development.

Consequently, SAHRA Archaeology, Palaeontology & Meteorites (APM) Unit has no objection to the proposed development on the condition that if any evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, marine shell and charcoal/ash concentrations), unmarked human burials, fossils or other categories of heritage resources



The South African Heritage Resources Agency

Street Address: 111 Harrington Street, Cape Town 8000 \* Postal Address: PO Box 4637, Cape Town 8000  
\* Tel: +27 21 462 4502 \* Fax: +27 21 462 4509 \* Web: <http://www.sahra.org.za>

**Hans Hoheisen Veterinary Research Station**

**Our Ref: 9/2/285/0004**

Enquiries: Jenna Lavin  
Tel: 021 462 4502  
Email: jlavin@sahra.org.za  
CaseID: 1680

Date: Wednesday March 06, 2013

Page No: 2



are found during the proposed activities, SAHRA APM Unit (Jenna Lavin/Colette Scheermeyer 021 462 4502) must be alerted immediately, and a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contacted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation might be necessary.

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

Yours faithfully

Jenna Lavin  
Heritage Officer  
South African Heritage Resources Agency

Colette Scheermeyer  
SAHRA Head Archaeologist  
South African Heritage Resources Agency

**ADMIN:**

(DEA, Ref: NEAS Ref: DEA/EIA/0001347/2012)

**Terms & Conditions:**

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



The South African Heritage Resources Agency

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\* Tel: +27 21 462 4502 \* Fax: +27 21 462 4509 \* Web: <http://www.sahra.org.za>



DEA approval of the Final Scoping Report (Current Application)



Environmental Affairs  
**REPUBLIC OF SOUTH AFRICA**

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Tel (+ 27 12) 310 3911 · Fax (+ 2712) 322 2682

**NEAS Reference:**

**DEA Reference:** 14/12/16/3/3/3/48

**Enquiries:** Fiona Grimett

**Telephone:** 012-395-1793 **Fax:** 012-320-7539 **E-mail:** Fgrimett@environment.gov.za

Ms Mandy van der Westhuizen  
V&L Landscape Architects  
PO Box 36723  
**MENLO PARK**  
0102

Fax and Tel No: 012 346 1292

**PER FACSIMILE / MAIL**

Dear Ms van der Westhuizen

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION: PROPOSED UPGRADE OF THE HANS HOHEISEN WILDLIFE RESEARCH STATION, PORTION 2 OF THE FARM KEMPIANA 90KU WITHIN THE BUSHBUCKRIDGE MUNICIPALITY, MPUMALANGA PROVINCE**

The Final Scoping Report (FSR) and Plan of Study for Environmental Impact Assessment dated March 2013 and received by the Department on 5 March 2013 refer.

The Department has evaluated the submitted FSR and the Plan of Study for Environmental Impact Assessment dated March 2013 and is satisfied that the documents comply with the minimum requirements of the Environmental Impact Assessment (EIA) Regulations, 2010. The FSR is hereby accepted by the Department in terms of regulation 30(1)(a) of the EIA Regulations, 2010.

You may proceed with the environmental impact assessment process in accordance with the tasks contemplated in the Plan of Study for Environmental Impact Assessment as required in terms of the EIA Regulations, 2010.

Please ensure that comments from all relevant stakeholders are submitted to the Department with the Final Environmental Impact Report (EIR). This includes but is not limited to the Mpumalanga Department of Economic Development, Environment and Tourism (including their Air Quality unit), the Department of Water Affairs, the Department of Agriculture, Forestry and Fisheries, the State and Mpumalanga Vet Services, the Bushbuck Ridge Local Municipality, the Mpumalanga Tourism and Parks Agency, and SANParks. Proof of correspondence with the various stakeholders must be included in the Final EIR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.

In addition, the following amendments and additional information are required for the EIR:

- a) Proof of application for a water use and air emissions licence.

- b) An indication of whether agreement or confirmation of capacity from service providers has been obtained for services such as sewage, refuse removal, water and electricity.
- c) A construction and operational phase EMP to include mitigation and monitoring measures.

The applicant is hereby reminded to comply with the requirements of regulation 67 with regard to the time period allowed for complying with the requirements of the Regulations, and regulations 56 and 57 with regard to the allowance of a comment period for interested and affected parties on all reports submitted to the competent authority for decision-making. The reports referred to are listed in regulation 56(3a-3h).

Please ensure that the Final EIR includes at least one A3 regional map of the area. The maps and facility diagrams must be of acceptable quality and as a minimum, have the following attributes:

- Maps are relatable to one another;
- Cardinal points;
- Co-ordinates;
- Legible legends; and
- Latest land cover and vegetation types of the study area.

You are requested to submit two (2) copies of the Environmental Impact Report (EIR) to the Department and at least one electronic copy (CD/DVD) of the complete final report with the hard copy documents.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours sincerely



**Mr Mark Gordon**  
**Chief Director: Integrated Environmental Authorisations**  
**Department of Environmental Affairs**  
**Letter signed by: Mr Coenrad Agenbach**  
**Designation: Acting Director: Integrated Environmental Authorisations**  
**Date 14/05/2013**

CC:	Prof. Stephanie Burton	University of Pretoria	Tel: 012 420 2946	Fax: 012 420 3696
	Ms Robyn Luyt	MDEDET	Tel: 013 766 4004	Fax: 013 766 4614



## A.2 I&AP Register

Name	Department	email
<b>COMPLIANCE</b>		
Pumeza Skepe	DEA: Environmental	<a href="mailto:Pskepe@deat.gov.za">Pskepe@deat.gov.za</a>
Sindiswa Duma	DEA: Waste	<a href="mailto:spduma@environment.gov.za">spduma@environment.gov.za</a>
Mbali Dlamini	DWA: Water Quality	<a href="mailto:dlaminim@dwa.gov.za">dlaminim@dwa.gov.za</a>
Shabangu Sampie Howard (NSP)	DWA: Water Sector Regulation & Use: Strategic Environmental Assessment	<a href="mailto:ShabanguS2@dwa.gov.za">ShabanguS2@dwa.gov.za</a>
Lerato Moja	DEA: Air Quality	<a href="mailto:Lmoja@environment.gov.za">Lmoja@environment.gov.za</a>
Selby Mokoena	Department of Health	<a href="mailto:selby@vodamail.co.za">selby@vodamail.co.za</a> , <a href="mailto:kwenasmo@gmail.com">kwenasmo@gmail.com</a>
Annamari van Brakel	Department of Health	<a href="mailto:annamariae@social.mpu.gov.za">annamariae@social.mpu.gov.za</a>
Phllip Hine	SAHRA	<a href="mailto:phine@sahra.org.za">phine@sahra.org.za</a>
Fikile Theledi	MPG: Air Quality	<a href="mailto:mtheledi@mpg.gov.za">mtheledi@mpg.gov.za</a>
Robyn Luyt	MPG: Department of Economic Development, Environment and Tourism	<a href="mailto:rluyt@mpg.gov.za">rluyt@mpg.gov.za</a>
Mr Nkuna	Bushbuck Ridge Local Municipality	<a href="mailto:nkunan@bushbuckridge.gov.za">nkunan@bushbuckridge.gov.za</a>
Mr Makhubela	Bushbuck Ridge Local Municipality	<a href="mailto:makhubelab@bushbuckridge.gov.za">makhubelab@bushbuckridge.gov.za</a>
<b>OTHER DEPARTMENTAL</b>		
Francois Krige	MTPA: EIA Scientist	<a href="mailto:franskrige@telkomsa.net">franskrige@telkomsa.net</a>
Lombard Shirindzi	MTPA: Game Manager	<a href="mailto:lombards@mtpa.co.za">lombards@mtpa.co.za</a>
Mervyn Lotter	MTPA: Biodiversity Planning	<a href="mailto:mervyn@intecom.co.za">mervyn@intecom.co.za</a> ; <a href="mailto:mervyn@mtpa.co.za">mervyn@mtpa.co.za</a>
Jan Muller	MTPA: Vet services	<a href="mailto:jan@mtpa.co.za">jan@mtpa.co.za</a>
Jimmy Thanyani	MTPA: Manyeleti	<a href="mailto:jimmythanyani@gmail.com">jimmythanyani@gmail.com</a>
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Bjorn Reininghaus	State Vet Services	<a href="mailto:svorpen@gmail.com">svorpen@gmail.com</a>
Dr Rikhotso	Mpumalanga Vet Services	<a href="mailto:brikhotso@mpg.gov.za">brikhotso@mpg.gov.za</a> ; <a href="mailto:ouparikhotso@yahoo.com">ouparikhotso@yahoo.com</a>
Allen Dibakoane	DPW	<a href="mailto:dibakoanea@mpg.gov.za">dibakoanea@mpg.gov.za</a>
David Chiloane	DPW	<a href="mailto:dchiloane@mpg.gov.za">dchiloane@mpg.gov.za</a>
Themba Ngwenya	DPW	<a href="mailto:tnngwenya@mpg.gov.za">tnngwenya@mpg.gov.za</a>
State Veterinarian	DAFF	<a href="mailto:PA.DVS@daff.gov.za">PA.DVS@daff.gov.za</a>
Lin Mari de Klerk	DAFF	<a href="mailto:linmariedk@daff.gov.za">linmariedk@daff.gov.za</a>
Louis van Schalkwyk	DAFF	<a href="mailto:lvs@vodamail.co.za">lvs@vodamail.co.za</a>
<b>OTHER STAKEHOLDERS</b>		
Richard Burroughs	UP	<a href="mailto:richard.burroughs@up.ac.za">richard.burroughs@up.ac.za</a>
Marie Watson	UP	<a href="mailto:marie.watson@up.ac.za">marie.watson@up.ac.za</a>
Isaiah Nkyakne	SANPARKS	<a href="mailto:isaiahn@sanparks.org">isaiahn@sanparks.org</a>
Richard Sowrie	SANPARKS:SR Kingfisherspruit	<a href="mailto:richards@sanparks.org">richards@sanparks.org</a>
Ezrom Mathumbu	Orpen Camp Hospitality Manager	<a href="mailto:ezrom.mathumbu@sanparks.org">ezrom.mathumbu@sanparks.org</a>
Rosinah Ndhambi	Orpen Camp Manager	<a href="mailto:rosinahn@sanparks.org">rosinahn@sanparks.org</a>
Theresa Sowry	SA Wildlife College	<a href="mailto:fgreyling@sawc.org.za">fgreyling@sawc.org.za</a>
Francois Nel	SA Wildlife College	<a href="mailto:fnel@sawc.org.za">fnel@sawc.org.za</a>
Riaan Venter	Ngala GM	<a href="mailto:riaan.venter@andbeyond.com">riaan.venter@andbeyond.com</a>
Dennis Shabangu	Ngala Lodge Manager	<a href="mailto:dennis.shabangu@andbeyond.com">dennis.shabangu@andbeyond.com</a>
Brent Pirow	Adjacent land owner	<a href="mailto:bpirow@absamail.co.za">bpirow@absamail.co.za</a>

Almero Bosch	Timbavati	<a href="mailto:Almero@timbavati.co.za">Almero@timbavati.co.za</a>
Gert Tertses	HotGroup	<a href="mailto:gert@hotgroup.co.za">gert@hotgroup.co.za</a>
Louis van der Merwe	Ikama Project Managers	<a href="mailto:ikama@mweb.co.za">ikama@mweb.co.za</a>
Andy Dott	APNR	<a href="mailto:andy@drifters.co.za">andy@drifters.co.za</a>

### A.3 Advertisements



**A.4 Site Notices**



## NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

Notice is given in terms of section 24(5) read with section 44 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) of intent to carry out the following activity:

### IMPROVEMENT OF HANS HOHEISEN WILDLIFE RESEARCH STATION ON PORTION 2 OF THE FARM KEMPIANA 90KU. DEA (Project Ref No 12/12/20/1820)

#### Proposed Activity:

The application is in respect to aspects of the proposed development being listed as activity No: 1(d) and 15 of Notice 386 as well as 2 of Notice 367 in terms of Section 24 and 24D of the National Environmental Management Act, 1998

#### Relevant Notice R386, 21 April 2006

- 1: "The construction of facilities or infrastructure, including associated structures or infrastructure, for –
  - d) resorts, lodges, hotels or other tourism and hospitality facilities in a protected area contemplated in the National Environmental Management: Protected Areas Act, 2003 (Act No. 57 of 2003);"
- 15: "The construction of a road that is wider than 4 metres or that has a reserve wider than 6 metres, excluding roads that fall within the ambit of another listed activity or which are access roads of less than 30 metres long."

#### Relevant Notice R387, 21 April 2006

- 2: "Any development activity, including associated structures and infrastructure, where the total area of the developed area is, or is intended to be, 20 hectares or more."

#### Relevant Notice R781 of 2009

- 3(2) The storage including the temporary storage of hazardous waste at a facility that has the capacity to store in excess of 35m<sup>3</sup> of hazardous waste at any one time, excluding the storage of hazardous waste in Lagoons
- 3(3) The storage including the temporary storage of general waste in lagoons.
- 3(11) The treatment of effluent, wastewater or sewage with an annual throughput capacity of more than 2 000 cubic metres but less than 15 000 cubic metres.
- 3(18) The construction of facilities for activities listed in Category A of this Schedule (not in isolation to associated activity)
- 3(19) The expansion of facilities of or changes to existing facilities for any process or activity, which requires an amendment of an existing permit or license or a new permit or license in terms of legislation governing the release of pollution, effluent or waste.
- 4(1) The biological, physical or physico-chemical treatment of hazardous waste at a facility that has the capacity to receive in excess of 500 kg of hazardous waste per day.
- 4(4) The treatment of hazardous waste using any form of treatment regardless of the size or capacity of such a facility to treat such waste.
- 4(5) The treatment of hazardous waste using any form of treatment regardless of the size or capacity of such a facility to treat such waste.
- 4(6) The treatment of hazardous waste in lagoons.
- 4(8) The incineration of waste regardless of the capacity of such a facility.
- 4(11) The construction of facilities for activities listed in Category B of this Schedule (not in isolation to associated activity).

**Description:** Development of facilities integral to the phase II upgrade of the Hans Hoheisen Wildlife Research Centre which will necessitate the design and construction of waste management and treatment facilities.

**Location:** The Upgrade is to take place portion 2 of the Farm Kempiana 90 KU.

**Extent:** The site is approximately 37 ha in size.

**Proponent :** University of Pretoria

#### Public Meeting:

Should response as a result of this advertising process necessitate such, then a public meeting will be held on site (Hans Hoheisen Wildlife Research Station on the 12<sup>th</sup> April 2010 at 14pm. Registered Interested and Affected parties will be forwarded information pertaining to this meeting as soon as it is available.

**Date of Advertisement:** Tuesday, 30<sup>th</sup> 2010, Lowwelder, Nelspruit.

#### Contact:

Steven Henwood  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013-744 375989 (Tel/Fax)  
086-672 5384 (E-mail to Fax)  
[steve@vrl.co.za](mailto:steve@vrl.co.za)

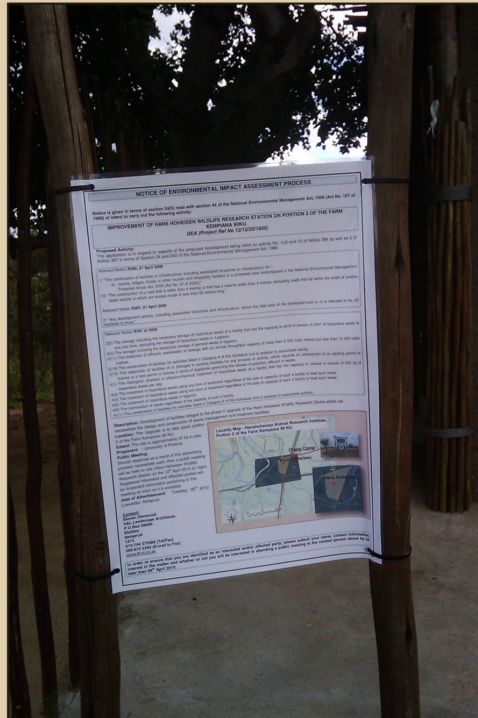


In order to ensure that you are identified as an interested and/or affected party; please submit your name, contact information, interest in the matter and whether or not you will be interested in attending a public meeting to the contact person above by no later than 09<sup>th</sup> April 2010

# Hans Hoheisen Site Notice Photographs



Site notice at Orpen/Manyeleti control boom



Site notice at Hans Hoheisen entrance gate



**A.5 Background Information Document**

## HANS HOHEISEN WILDLIFE RESEARCH STATION UPGRADE

### ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: **BACKGROUND INFORMATION DOCUMENT** *(Facilitation of Public Participation during EIA)*

*DEA (Project Ref No 12/12/20/1820)*



### PREFACE

This Background Information Document (BID) addresses the proposed Phase II, upgrade of the Hans Hoheisen Animal Research Institute. The EIA covers the major impact of waste storage and disposal. The projects triggers are listed in the table below.

#### Activities falling Under NEMA: Environmental Management

No R386 of 2006

<b>1(d)</b>	resorts, lodges, hotels or other tourism and hospitality facilities in a protected area contemplated in the National Environmental Management: Protected Areas Act, 2003 (Act No. 57 of 2003);
<b>15</b>	The construction of a road that is wider than 4 metres or that has a reserve wider than 6 metres, excluding roads that fall within the ambit of another listed activity or which are access roads of less than 30 metres long

No R387 of 2006

<b>2</b>	Any development activity, including associated structures and infrastructure, where the total area of the development area is, or is intended to be, 20 hectares or more
----------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Activities falling Under NEMA: Waste Management

### No R781 of 2009

3(2)	The storage including the temporary storage of hazardous waste at a facility that has the capacity to store in excess of 35m <sup>3</sup> of hazardous waste at any one time, excluding the storage of hazardous waste in lagoons
3(3)	The storage including the temporary storage of general waste in lagoons.
3(11)	The treatment of effluent, wastewater or sewage with an annual throughput capacity of more than 2 000 cubic metres but less than 15 000 cubic metres.
3(18)	The construction of facilities for activities listed in Category A of this Schedule (not in isolation to associated activity)
3(19)	The expansion of facilities of or changes to existing facilities for any process or activity, which requires an amendment of an existing permit or license or a new permit or license in terms of legislation governing the release of pollution, effluent or waste.
4(1)	The biological, physical or physico-chemical treatment of hazardous waste at a facility that has the capacity to receive in excess of 500 kg of hazardous waste per day.
4(4)	The treatment of hazardous waste using any form of treatment regardless of the size or capacity of such a facility to treat such waste.
4(5)	The treatment of hazardous waste using any form of treatment regardless of the size or capacity of such a facility to treat such waste.
4(6)	The treatment of hazardous waste in lagoons.
4(8)	The incineration of waste regardless of the capacity of such a facility.
4(11)	The construction of facilities for activities listed in Category B of this Schedule (not in isolation to associated activity).

The proposed development will take place on portion 2 of the Farm Kempiana 90 KU. All development falls within the existing footprint of the property.

The development is listed in terms of Government Notices R386 of 2006 and R781 of 2009 under Chapter 5 of the National Environmental Management Act, Act 107 of 1998 and therefore requires an Environmental Impact Assessment (EIA) to be undertaken. A Scoping and Environmental Impact Assessment is to be undertaken.

This document contains an outline of the proposed project. This information is based on preliminary information made available through the Department of Defence and the technical design team.

The purpose of this document is to make basic information available to Interested and Affected Parties (I&AP's), to empower them to understand the scope of the application. It will also enable I&AP's to make initial input and comment as part of the public participation process. The public participation process is a component of the EIA.

## **PUBLIC PARTICIPATION – Background**

The public has the right to be informed about any activity that might have an impact, whether desirable or undesirable, on the environment.

The purpose of the public participation process is to inform, consult, involve, collaborate with, and empower stakeholders in the decision making process.

The objective of *informing* is to provide balanced and objective information to the public in order to assist with understanding of all existing issues.

*Consultation* will allow for feedback from stakeholders on alternatives and decisions that can inform the EIA process.

In addition, the second principle of the National Environmental Management Act (NEMA) states that environmental management must place people and their needs at the forefront of its concern, and serve their physical, psychological, developmental, cultural and social interests equitably. The third principle states that development must be socially, environmentally and economically sustainable. It further states that environmental management must be integrated, acknowledging that all elements of the environment are linked and interrelated, and it must take into account the effects of decisions on all aspects of the environment and all people in the environment by pursuing the selection of the best practicable environmental option.

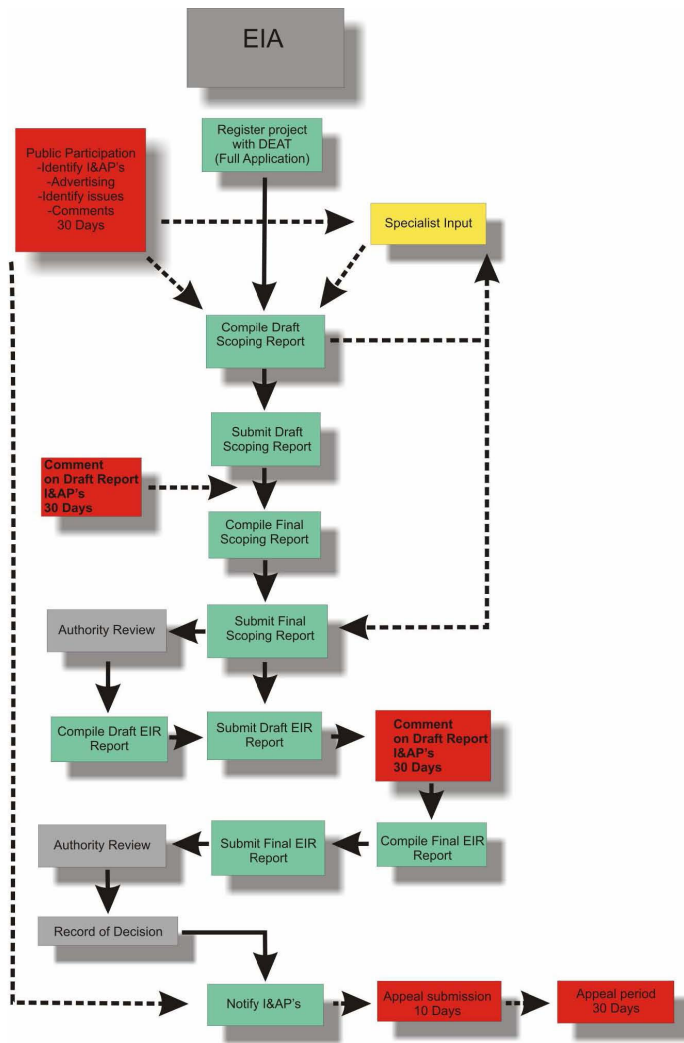
It then continues to say that the participation of all interested and affected parties in environmental governance must be promoted, and all people must have the opportunity to develop the understanding, skills and capacity necessary for achieving equitable and effective participation, and participation by vulnerable and disadvantaged persons must be ensured. Decisions must take into account the interests, needs and values of all interested and affected parties, and this includes recognising all forms of knowledge, including traditional and ordinary knowledge.

The social, economic and environmental impacts of activities, including disadvantages and benefits, must be considered, assessed and evaluated, and decisions must be appropriate in the light of such consideration and assessment. Decisions must be taken in an open and transparent manner, and access to information must be provided in accordance with the law.

The EIA regulations (section 21, 22 and 26, 1998) states among other things that that an independent consultant must be appointed to act on behalf of the client and to ensure that the public participation process is managed properly and that thorough, readable and informative reports are produced.

## The EIA Process and I&AP involvement:

The schematic below illustrates the EIA process to be undertaken for this project. Opportunities for I&AP involvement are indicated by the red blocks.



## 1. INTRODUCTION

V&L Landscape Architects, as Independent Environmental Consultants and Impact Assessors, have been appointed by Pretoria University, to facilitate the Integrated Environmental Management (IEM) procedure, for the proposed upgrade to Hans Hoheisen Animal Research Institute, on portion 2 of the Farm Kempiana 90 KU.

## 2. MOTIVATION FOR APPLICATION

The Hans Hoheisen Wildlife Research Station comprises the land (a 37 ha portion of land), the various buildings, and services on the property.

The intention of the project is to refurbish, launch, and manage the Hans Hoheisen Wildlife Research Station as a research platform to support research involving the diseases of wildlife, humans, and livestock at an interface between a trans-frontier conservation area, the Greater Limpopo Trans Frontier Park and local communities.

Refurbishing and upgrading the facilities at the Hans Hoheisen Wildlife Research Station (including the accommodation currently on the premises) with the intention of

- Establishing the Station as a research platform to be utilized by the University of Pretoria in association with local and international partners, and other interested parties
- To facilitate the development of research programmes and projects that will provide information to
  - Support the management of diseases at the interface (wildlife / livestock / humans) that have a negative effect on the development of trans-frontier parks and -conservation areas, given the impact of these diseases and their control on land-use options for development and poverty reduction, particularly of the rural poor
  - Assist with the development of human resources, infrastructure and technology with emphasis on Detection, Identification and Monitoring (DIM) of diseases

- Provide information that will facilitate harmonisation of policies, and the improvement of varying standards and competencies of participating countries within the context of DIM

The objective of this document is to provide the scope and objectives of the project, the time lines, and priorities of implementation according to available funding

### 3. LOCATION

The proposed site of the activity falls within the footprint of the existing Hans Hoheisen Research Institute.

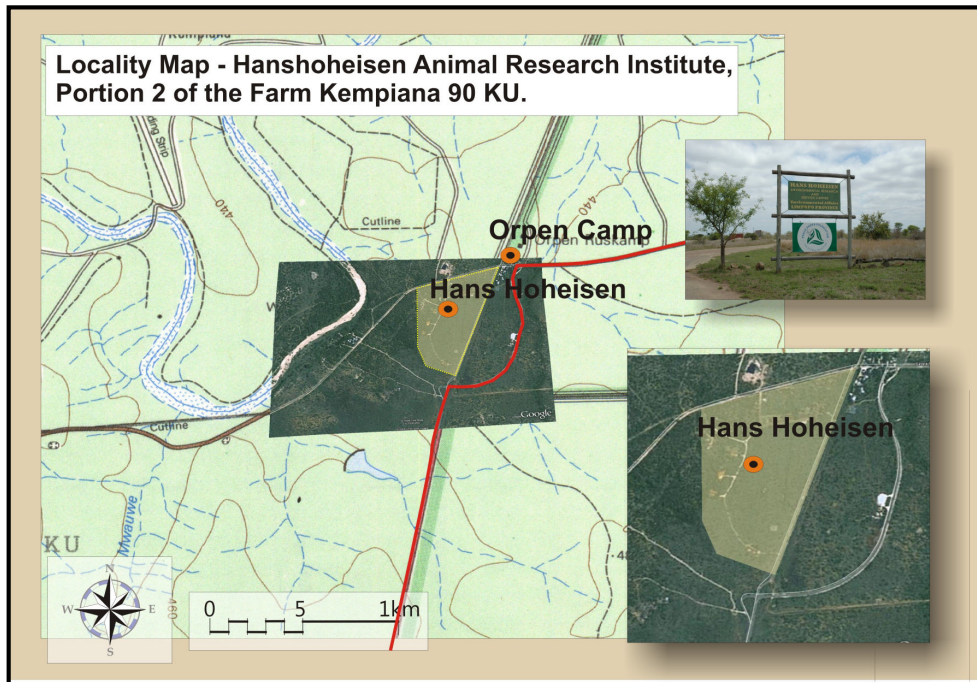


Figure 2 - Locality Map

## 3. RECEIVING ENVIRONMENT

### 5.1. BIO-PHYSICAL DESCRIPTION OF THE STUDY AREA.

The study area falls within the Gabbro Grassy Bushveld vegetation type as defined in the Vegetation of Southern Africa, Lesotho and Swaziland, (Ladislav Mucina and Michael C. Rutherford 2006).

The study area is evaluated against the “blueprint” for this vegetation type as detailed below.

### 5.2. DISTRIBUTION

Flats and hills mainly in the Kruger National Park in isolated patches from Orpen Camp in the north, southwards including Rooigras Vlake (northeast of Skukuza) and some areas stretching from north of Pretoriuskop to around Afsaal in the south. Altitude 200–550 m.

### 5.3. GEOLOGY AND SOILS

#### Undisturbed State

The Gabbro Grassy Bushveld veld type closely follows the sinuous intrusions of the Timbavati gabbro (Mokolian Erathem). The unit is also mapped on surrounding potassic granite and gneiss of Archaen basement and the gneiss and migmatite of the Nelspruit Suite 9(also Archaen) Dark vertic clay soils (20 – 50% clay) often swell and shrink. Loose rock is often present on the surface. Some shallow lithosols occur in places. Where gabbro is in contact with the adjacent granite, a mixed soil sometimes develops with a gabbro-derived A-horizon overlying a granite-derived B-horizon.

#### Current Status

The site constitutes sections where Gabbroid based geology gives rise to vertic clay soils that may exhibit signs of low erodibility and, poor drainage. Historic use of the site has resulted in disturbance to the soil



horizons and structure of some sections of the site. The presence of hardened surfaces, infrastructure and human habitation within the site has resulted in a disturbance of soil structure.

There are some sections of the site that exhibit characteristics of the undisturbed geology and soils state.

## 5.4. VEGETATION

### Undisturbed State

Gabbro Grassy Bushveld constitutes open savanna with a dense grass cover (with dominants including *Themeda triandra*) with few scattered trees and shrubs. Sparser grass cover is encountered on shallow soils.

### Current Status

The entire site varies between totally transformed and disturbed sections. There are also sections within the footprint that may be deemed undisturbed natural bush clusters. The site has a medium to low conservation status.

## 5.5. TOPOGRAPHY

### Undisturbed State

The general physical geography and topography for the area within which the proposed development site falls, is a mix of open savanna and undulating landscapes. The area lies at an altitude of approximately 800 and 1600 meters above sea level.

### Current Status

The proposed upgrade will take place within the existing footprint of the current Hans Hoheisen Research Institute. The area is generally flat with a slight rise and watershed running roughly from north to south mid way across the property.

## 5.6. CLIMATE

Summer rainfall, with dry winters. Mean Annual Precipitation (MAP) from about 500-650 mm. Generally a frost-free region.

## 5.7. CONSERVATION STATUS

### Conservation Status of the Vegetation Type

Least threatened Target 19%. Altogether 96% statutorily conserved in the Kruger National Park and the remainder is conserved in private reserves (Timbavati and Manyeleti) Very little is transformed and erosion is low.

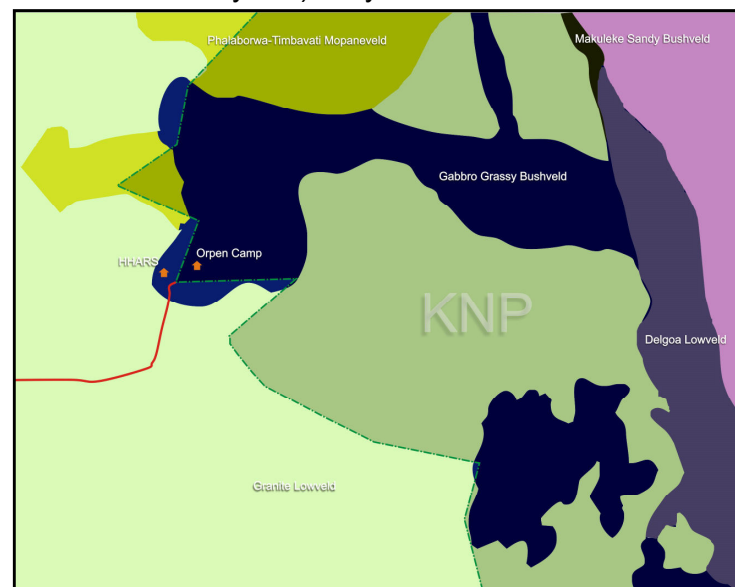


Figure 3: Vegetation of Southern Africa



#### 4. POTENTIAL IMPACTS

Environmental issues that may be addressed in the Environmental Impact Assessment Report could include the following:

- No fatal flaws identified on site
- Area is to a large degree free from impacts – this will change due to new footprints and fences
- Historical fauna movements may be restricted due to fences
- No heritage concerns identified

Likely concerns to arise from EIA:	Input to EIA
Impact to sensitive environments	
Geology/soil – Gabbro (vertic clay soils, low erodible, poor drainage)	V&L
Vegetation – Gabbro Grassy Bushveld – <b>Least threatened</b>	V&L
Fauna – potential for protected species (e.g. baboon spider, plated lizard). Impacts on species movement.	Specialist scan.
Visual impact on KNP/Orpen	V&L
Noise impact on KNP/Orpen	Client
Smell impact on KNP/Orpen	Client

Disease risk	Client
Waste treatment	Specialist input.

Mitigation measures will also be developed for these issues. Stakeholders are however welcome to comment on these issues and provide additional observations.

Consideration of Alternatives is one of the most critical elements of the EIA process. Its role is to provide a framework for sound decision-making based on the principle of sustainable development.

Alternatives should be identified as early as possible in the project cycle. V&L Landscape Architects not only welcomes stakeholders' input/suggestions, but also urges the public to submit possible alternatives.

It is important to note that an alternative is defined as a possible course of action, in place of another, that would meet the same purpose and need.

When submitting alternatives, the recommended alternative must be:

- Practicable;
- Feasible;
- Relevant;
- Reasonable and
- Viable.

#### 4.1 Scoping of potential impacts

Through the scoping phase of the EIA, which comprises the initial 30 day registration period for I&AP's (subsequent to the publication of on-site and newspaper advertisements), as well as the circulation of this document and the public meeting session, the V&L Landscape Architects will compile the Draft Scoping Report. This report will be made available for comment to all registered I&AP's. This report will contain, amongst other, the following information:

- A description of the proposed activity and of any feasible and reasonable alternatives that have been identified.
- a description of the property on which the activity is to be undertaken and the location of the activity on the property
- a description of the environment that may be affected by the activity and the manner in which the physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity
- a description of environmental issues and potential impacts, including cumulative impacts, that have been identified
- information on the methodology that will be adopted in assessing the potential impacts that have been identified, including any specialist studies or specialised processes that will be undertaken
- details of the public participation process conducted in terms of regulation 28(a) of the EIA regulations of 2006.
- a plan of study for environmental impact assessment which sets out the proposed approach to the environmental impact assessment of the application

#### 6. CONCLUSION

The public has the right to be informed about any activity that might have an impact, whether desirable or undesirable, on the environment.

The purpose of the public participation process is to inform, consult, involve, collaborate with, and empower stakeholders in the decision making process.

The objective of *informing* is to provide balanced and objective information to the public in order to assist with understanding of all existing issues.

*Consultation* will allow for feedback from stakeholders on alternatives and decisions that can inform the EIA process.

In order to ensure that you are registered as an interested and/or affected party, please submit your name, contact information and interest in the matter to the contact person given below.



**A.6 Minutes of Public Meeting**



<b>MINUTES OF THE EIA PUBLIC MEETING FOR THE PROPOSED PHASE II UPGRADE OF HANS HOHEISEN WILDLIFE RESEARCH STATION</b>
---------------------------------------------------------------------------------------------------------------------------

Date: 12 April 2010  
Revision Date: 21 April 2010  
Time: 14:00 pm  
Venue: Hans Hoheisen Wildlife Research Station.

Attendance:

- Marie Watson (University of Pretoria)
- Nick Kriek (University of Pretoria)
- Francois Nel (Southern African Wildlife College)
- Almero Bosch (Timbavati Private Nature Reserve)
- Richard Burroughs (University of Pretoria)
- Lin-Mari de Klerk Lorist(DAFF)
- Bjorn Reininghaus (State Vet – Orpen)
- Roy Bengis (State Vet – Skukuza)
- Mark Bourn (MTPA – Manyeleti)
- Louis van Schalkwyk (University of Pretoria)
- Louis van der Merwe (IKAMA Project Managers)
- Gert Meintjies(Hotgroup Technologies)
- Craig Gebhardt (V&L Landscape Architects – Environmental Consultant)

Apologies:

- Brent Pirrow – Adjacent Land owner
- Richard Sowrie (KNP Section Ranger)
- Rosinah Ndhambi (KNP Orpen Camp Manager)
- Allen Dibakoane (Department of Public Works)

## 1. INTRODUCTION

A public meeting was held to explain the proposed development planned for Phase II of the Hans Hoheisen Wildlife Research Station refurbishment project.

Craig Gebhardt from V&L welcomed everyone and explained the environmental impact assessment (EIA) process and the proposed public participation process.

Clarity was provided that Phase II of the project incorporated all the activities that would potentially trigger the need for an EIA, while Phase I which is currently underway deals with renovations to existing structures only.

Craig also explained that the technologies proposed for Phase II had not been finalised and that the EIA process would be used to aid with the planning and final design.

Craig provided a brief overview of the proposed activities for Phase II. The presentation covered the material presented in the Background Information Document (BID).

The floor was then opened for questions from the public. The project team were available to provide information.

## 2. QUESTIONS & INPUT

### **Prof. Kriek**

Explained that the facility was not an extension of the University of Pretoria (UP). It is being developed in partnership with UP, Peace Parks Foundation and MTPA. It will be a stand-alone research platform managed by the University of Pretoria. It will be utilised by numerous institutions. Note to be taken that this facility was functional since 1973 until its degeneration in the early 90's.

The facility will operate in the context of the Trans Frontier Conservation Areas (TFCA), with particular focus on infectious disease and pharmacological research. The facility will be part of a research platform for various institutions to perform research, specifically aimed on the context of the TFCAs. Emphasis will be placed on Zoonoses (specifically the transmission of diseases between wildlife, livestock and humans).

As such the facility will be a quarantine facility. It will operate as a Biosecurity Level 2 or 3 facility. There are international rules and protocols which govern the design and operation of such facilities and these will most definitely apply to Hans Hoheisen both in its operation and in its design.

Prof Kriek also indicated that DAFF (Directorate of Veterinary Services) had stipulated conditions for the facility to operate. The facility would be governed by these conditions.

The facility would only work with diseases that are endemic to the region. No foreign pathogens may be introduced. BSL2 and BSL 3 regulations would be applied to ensure that all measures are in place to contain pathogens within the environment.

Any work involving unusual pathogens will have to be approved and authorised by DAFF under strict conditions.

### **Craig Gebhardt**

Opened the issue of the installation of an incinerator to the floor. Is an incinerator the appropriate technology for pathogen disposal? Do the I&APs have specific concerns about the use of an incinerator?

### **Dr Roy Bengis**

Commented that modern incinerator technology was quite advanced and that he would anticipate the facility to utilise a diesel-driven incinerator with a primary and secondary combustion chamber. This type of incinerator produces very low emissions and odour due to the secondary combustion chamber.

He indicated that this type of incinerator was effective in dealing with all pathogens likely to be encountered, even anthrax. The risk of dispersion of pathogens into the atmosphere has been shown to be very negligible.

He also indicated that the incineration of lab waste (cultures and medical supplies) was likely to produce far greater odour and smoke volumes than animal tissue.

Laboratory cultures should first be deactivated with formalin in the laboratory, prior to incineration to reduce risks. Using alkaline hydrolysis could also be further investigated.

The quantity of medical wastes such as syringes and containers should not be underestimated as these accumulate rapidly.

Waste treatment plants and evaporation ponds must be purpose-designed and built to deal with a specific type of waste. This was agreed upon by the project engineer.

Dr Bengis also enquired whether the current septic tank system and soak-aways were sufficient and suggested that monitoring points be put in place to check water quality in the Timbavati River to the west and the drainage to the south east.

Soil filtration is known to be an effective way to remove pathogens naturally – done by soil organisms. It should be acceptable to allow treated outflow from evaporation ponds to be discharged.

**Mark Bourne**

Note to be taken that there are numerous water abstraction boreholes in the vicinity – Monitoring points may be necessary.

The possibility of a waste digester should be considered to reduce odours and provide biogas that could be utilised in the labs (or incinerator?).

**Louis vd Merwe**

Louis explained that the sewerage and waste water systems would be separate. The waste water system would have to deal with animal pathogens and would be purpose-designed to ensure effective treatment.

He mentioned that the current Phase I would utilise a closed system that would entail offsite disposal. Phase II would entail on-site treatment. Effluent would be treated in a series of tanks to ensure that it was neutralised prior to being released to an evaporation pond. The system would be a closed system with no outflow to the environment.

Louis responded to a question of odour from the evaporation pond by saying that the design should ensure that water entering the evaporation pond is free of odours. This would be a design criterion.

**Dr Bengis / Bjorn Reininghaus / Craig Gebhardt**

The issue of investigating Alkaline Hydrolysis as an alternative method for neutralising pathogens was discussed. The State Vet in Nelspruit runs a small unit for disposing dog carcasses. Bjorn agreed to provide more information to the Project Team.

This alternative will be investigated in the EIA.

**Mark Bourne**

Will the smell from animal bomas not attract predators to the area, away from other game-viewing areas?

Dr Bengis responded that it was difficult to monitor this, but in his experience at Skukuza there was no noticeable effect.

The transport of feed such as Lucerne must be properly controlled and managed to ensure that seeds of exotic plants are not introduced into the Protected Areas.

**Dr Bengis**

Flies and blow flies were likely to be an important management issue that would need to be carefully controlled. If not controlled this could impact on the facility and its neighbours. Flytraps are available to address this problem and must be brought into the management plan. Manure should also be managed and controlled. It could be composted. Note should be taken not to introduce Ivermectin-contaminated manure into the compost as this will kill insects, particularly dung beetles.

Predator manure would have to be disposed of – probably through incineration.

Carnivore feed brought in from outside should be managed in conjunction with the State Veterinarian. This is likely to generate a lot of waste in terms of bone material – this must

be planned for. Boma design must also make provision for the cold storage of predator feed.

Predator feed is likely to be sourced from the community in the form of donkeys; however, the option of surplus meat from elephants should be considered if KNP proceeds with elephant management in the form of culling.

**Almero Bosch**

University of Pretoria has a vested interest and cannot do the specialist vegetation survey.

The following concerns/questions were raised:

Who was notified of the meeting? Why did no community representatives attend the meeting?

**Craig Gebhardt**

Noted. UP would do an initial inventory, however, an external specialist would undertake further specialist scans.

EIA Process was advertised as per regulation. Site notices, newspaper and direct notification to adjacent landowners were circulated.

**Craig Gebhardt**

Request to forward any further issues to V&L. Minutes of the meeting will be circulated to all registered I&APs. This will be followed by the Draft Scoping report for comment.

Participants were thanked and the meeting closed at 15h15

**Additional Comments received from persons not able to attend the meeting:**

**Brent Pirow – Adjacent Land owner**

Key concerns surrounding the placement of the tented accommodation. This will have a direct visual and acoustic impact on him as a neighbour. This is of particular relevance given the potential change to a 'sense of place'.

It is suggested that as a first option the layout be revisited to investigate the feasibility of placing the tented accommodation to the north of the current student accommodation. This would provide visual and acoustic screening.

As a second option the use of landscaping must be considered to reduce visual and noise impact.

The neighbours must be kept informed through clear communication channels, so that reporting of noise incidents can be properly managed. This applies to both construction and operational phases.

**Richard Sowrie (KNP Section Ranger)**

Access control and security must be addressed during the construction phase. This has been a problem during the Phase I development, with workers wandering freely through the bush to Orpen Camp.

*All persons entering Hoheisen must be aware that their entry permit into the Protected area via the first boom gate does not give them right to enter the National Park or Contractual National Park - Ngala (of which the boundaries are all clearly demarcated), and only permits entry to the Hoheisen Centre.*

- *No entry is permitted on foot.*
- *Additional permits will be required for entry into the National Park, even if the trip is only to the Orpen shop. Trips to the fuel station do not require additional permits.*

*All vehicles entering the protected area must be closed if people are sitting on the back of a bakkie, a closed canopy is sufficient. This includes trips from boom gate to Hoheisen Centre as well.*






12/04/2010

Attendance Register for Public Meeting.  
Hans Hohenstein Wildlife Research Station



NO	NAME	CAPACITY	E-MAIL	TEL	FAX	SIGNATURE
1	CRAIG GERHARDT	VRL (EAP) Centre Adminstr	CRAIG@VRL.CO.ZA	082 744 7153	015 744 5759	
2	Mare Watson	CUUS, UP	mare.watson@up.ac.za	082 4660208	02529 8559	
3	Nick Kriek	"	nick.kriek@up.ac.za	0829086035	0125298559	
4	Francis Nel	SATU C	fnel@sawc.org.za	0829083371	015 793 7814	
5	Chloeer Bosch	Tourismt Quats Natur	Chloeer@tourismt.co.za	083 7972277	015 793-5181	
6	Richard Burrows	U.P.	Richard.burrows@up.ac.za	082-5685896	012 529 8559	



NO	NAME	COMPANY	E-MAIL	TEL	FAX	SIGNATURE
7	Lin-Mari de Clerk-Lorist	DAFF	linmariok@daff.gov.za	013 7355641	013 7355155	
8	Bjorn Reinholdts	Vert Bev.	SVORPEN@gmail.com	084/8528133	086/6009049	
9	in Bouw	WRPA - Mangueli	inbouwing@openl.co.za	0835580860		
10	Louis van Schaevort	UP	louis.vanschavort@up.ac.za	0836332223		
11	Gert-Neeritz	Horseairp	Gert@Horseairp.co.za	082 7618364	086405744	
12						
13						
14						

Departmental Meeting Register

12/04/2010  
10:00

VENUE: HANS HOHEISEN WILDLIFE RESEARCH STATION



Attendance Register for Departmental Site Meeting,  
Hans Hoheisen Wildlife Research Station.

NO	NAME	CAPACITY	E-MAIL	TEL	FAX	SIGNATURE
1	CAROL GERBANDT	ENVIRONMENTAL PRACTICER	CAROL@VLLCO2A	083 746 7153	018 746 8759	
2	B. REININGHAUS	SVORPEN <i>grant</i>	SVORPEN@GMAIL.COM	084 850 157	086 6944 044	
3	P.P. Skepe	DEA	Pskape@dal.gov.za	012-3103061	012-3207557	
4						
5						
6						

**A.7 Interim Comments and Responses Report**

ISSUE	RAISED BY	COMMENT	RESPONSE
<b>Project Description</b>			
Positioning of bomas within footprint	<ul style="list-style-type: none"> <li>• Les Carlisle (Ngala Tented Camp)</li> </ul> Public meeting (12 April 2010)	The main issues for us at &Beyond Ngala Tented Camp will all be related to the proximity of the Proposed Quarantine extension to the Hans Hoheisen Wildlife Research Station (HHWRS) to our camp. We were never aware that anything like this was proposed when &Beyond Ngala Tented Camp was built.	<p>The Hans Hoheisen Wildlife Research Station was first established it comprised a quarantine area of very similar dimensions. The purpose of the facility has always been to conduct wildlife research – and this purpose has not been altered. There was a prolonged period during which the facility fell into disrepair due to a lack of funding, however its designation as a research facility has remained.</p> <p>The scope of the current project is to re-establish the facility to international standards in order to allow it to fulfil the stated purpose in the context of the TFCA's</p>
Biosecurity levels and zonation of the site into biosecurity levels 1' 2 & 3	<ul style="list-style-type: none"> <li>• Alastair Kilpin (Ngala Tented Camp)</li> </ul> Public meeting (12 April 2010)	Biosecurity level 2 or 3. It has not been made clear to anyone what the difference between these levels is and what that might mean for how the place operates. Why is this not yet known and what factors will be driving which level is settled upon?	<p>Biosecurity levels 2 and 3 refers specifically to the management of laboratories in which work is done with highly infectious microbes to limit the risk of the escape of these organisms into the environment. It also determines how to deal with liquid and solid waste so that these materials do not have the potential of disseminating infectious microbes Managing quarantine measures in the enclosures entail access control.</p> <p>Laboratory work should be carried out with a minimum of risk to the health of the staff (biosafety) and the environment (biocontainment). This requires careful consideration of the risks involved in a particular procedure, followed by appropriate measures to minimise the risk of human disease and of possible release into the environment. It is important to understand that containment of pathogens can be used for two purposes. One is to prevent disease in humans in the laboratory; the other is to prevent the release of the pathogen into the environment and causing disease in animals or humans. Often the same methods of containment are used for both preventing laboratory-acquired infection in humans and for preventing escape of pathogens that could cause an outbreak of animal diseases.</p> <p>It is important to comply with legislative requirements.</p>

Access to HHWRS and the impacts on neighbours	<ul style="list-style-type: none"> <li>Alastair Kilpin (Ngala Tented Camp)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>There is an access control point onto the common boundary with the rest of the Kempiana property (Ngala). Could there be some elaboration as to what this is for? The only road exit from there is directly past the Ngala Tented Camp and in that respect obviously holds potential disturbance in for the business.</p> <p>Deliveries of bulk herbivore feed have the potential to bring in exotic plants and this will also need to be addressed.</p>	<p>This access point in the common fence is intended as an emergency exit and will not be used routinely for vehicle traffic. A circular route is planned for large vehicles to exit the Station from its main entrance.</p> <p>We agree that there is a risk involved with the transportation or bulk herbivore feed. It is intended that feed be covered by tarpaulins during transport. Large amounts of feed are also conveyed to Skukuza for boma-kept animals and we will follow their measures to limit the risk.</p>
Number of staff & visitors allowable on site	<ul style="list-style-type: none"> <li>Les Carlisle (Ngala Tented Camp)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>The accommodation numbers drawn in to the map seem more than what was initially indicated at the first briefing meeting held at the HHRC.</p>	<p>All proposed accommodation is indicated on the master plan. No additional accommodation over-and-above that indicated is contemplated. The research station will operate as a research platform with a skeleton staff. Researchers will have to provide their own support staff for projects at the Station. These people will come and go and it is not anticipated that large numbers of people will be accommodated on-site at any time</p>
General and medical waste removal and disposal	<ul style="list-style-type: none"> <li>Alastair Kilpin (Ngala Tented Camp)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>Disposal of medical waste be undertaken in conjunction with Tintswalo Hospital or similar institution. I am not sure that this is consistent with policy for an activity within a National Park. As a neighbour I am not comfortable with this facility being right on site.</p>	<p>There are different categories of medical waste: that which is generated by surgical procedures, and that which is generated when animals die. Surgical waste such as plastic containers, syringes and sharps will be disposed of by registered service provider at a location off site. Carcasses and animal tissue will be incinerated on site.</p> <p>Liquid waste will be dealt with in a closed system that will be dealt with by inactivation and evaporation ponds with minimal potential of generating pollution or smells. At Skukuza similar waste is dealt with in the Park and in close proximity of the tourist camp and staff village without a problem</p>

#### Receiving Environment

Topography	<ul style="list-style-type: none"> <li>Alastair Kilpin (Ngala Tented Camp)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>The wording about the altitude of the site appears very ambiguous and inaccurate "The area lies at an altitude of approximately 800 and 1600 meters above sea level" – I am not sure what this is saying.</p>	<p>This section is a basic description of the receiving environment. The descriptions are used as a baseline blue print for the vegetation type as defined by Mucina and Rutherford against which the specific site is compared. Site specific data will be incorporated into the scoping and EIA documents.</p>
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#### Issues and Impacts

<p>Noise and visual impact</p>	<ul style="list-style-type: none"> <li>• Les Carlisle (Ngala Tented Camp)</li> <li>• Alastair Kilpin (Ngala Tented Camp)</li> <li>• Brent Pirow (Neighbour)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>The proximity of residential sites has potential noise pollution impact on neighbours.</p> <p>This can be mitigated by putting the animal pens on the periphery and the residential quarters clustered with the current houses.</p> <p>The light and noise impact can then be reduced by keeping as much vegetation between the new accommodation and the existing neighbors.</p> <p>Domestic animals such as dogs have been a constant problem in the past as their barking completely destroys the “sense of place”.</p> <p>If not possible to relocate, then full and proper screening should take place. In the National Parks, newly built structures are supposed to be fully screened and not visible at all to the public. It seems that tourism operations take this into consideration, but non-tourism does not see the need. As a neighbour in very close proximity, I would hope that this full screening is being properly and honestly implemented.</p>	<p>The main concern with relocating the residential components of the HHWRC upgrade is that of bio-security. Due to the HHWRC housing animals that are diseased, for their research purposes, the re-location of housing and recreation facilities and the subsequent human traffic and movement that would result from the relocation, could lead to a possible breach of the quarantine areas. Such a breach and possible contamination of otherwise healthy game populations is not acceptable. Thus all bio security zones as set out in the layout will be adhered to. Within these zones certain infrastructure may be shifted to accommodate I&amp;AP’s requests. The housing is clustered in the accommodation zone as it is intended to place additional bomas and enclosures to the west of the housing zone that would act as a further buffer. It must be pointed out that the current perimeter fence cuts off about 14 hectares that act as an additional buffer between Ngala and Mr Pirow.</p> <p>All development will be carried out sensitively and the natural features surrounding new infrastructures to be developed will be used to minimise both visual and noise pollution. Lighting will be dealt with sensitively and “down” lighting used where at all possible. The addition of berms can be considered to lessen the impact of noise and light.</p> <p>Because the facility will be managed as a quarantine facility, the policy is not to allow any pets on the premises.</p> <p>In cooperation with its neighbours, the facility will attempt to screen new structures as much as it is possible as we are sensitive about the impact of such structures on the environment</p>
	<ul style="list-style-type: none"> <li>• Alastair Kilpin (Ngala Tented Camp)</li> <li>• Brent Pirow (Neighbour)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>I trust the generator will have switch gear and kick in automatically during any power-out and continue running until power is restored.</p> <p>The noise from a generator or heavy machine has got to be one of the most annoying in a pristine environment - we need confirmation that the generator will be installed in such a way that there will be no noise pollution;</p>	<p>The generator will be installed within a standard housing shell. This shell will be sound proofed. Additional to this an elaborate exhaust system with sound baffles will also be installed. It has been planned that it will be provided with switch gear and will kick in automatically when a power outage occurs and will only run until the power is restored</p>



	<ul style="list-style-type: none"> <li>• Les Carlisle (Ngala Tented Camp)</li> <li>• Alastair Kilpin (Ngala Tented Camp)</li> <li>• Brent Pirow (Neighbour)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>The standby generator: I trust this will have switch gear and kick in automatically during any power-out and continue running until power is restored. The noise from a generator or heavy machine has got to be one of the most annoying in a pristine environment - we need confirmation that the generator will be installed in such a way that there will be no noise pollution.</p> <p>What are the typical noise levels produced by this? Are there plans in place to dampen the noise levels like a typical generator room?</p>	<p>The generator will be installed within a standard housing shell. This shell will be sound proofed. Additional to this an elaborate exhaust system with sound baffles will also be installed.</p>
Odours	<ul style="list-style-type: none"> <li>• Les Carlisle (Ngala Tented Camp)</li> <li>• Alastair Kilpin (Ngala Tented Camp)</li> <li>• Brent Pirow (Neighbour)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>Another big concern is around the management of animal waste, and the flies that this will attract and the smells that this will produce.</p> <p>Feed and waste management in any predator enclosures has big stink potential if not handled properly, so alternatives to any proposed systems are really important as are the emergency procedures for both system breakdowns and escapes from pens of predators.</p> <p>Mark Bourne regarding the use of a biodigester – it would seem appropriate for this technology to be implemented by a body such as Peace Parks. It would also be an example to others in the area to look at using this type of sustainable technology even if on a smaller scale.</p>	<p>We consider it critical to manage all animal waste to limit the possibility of it generating smells and a fly problem. The Faculty of Veterinary Science deals with these issues successfully where similar situations exist. Flies and blowflies have never been a problem there.</p> <p>It is planned to provide walk-in deep-freeze facilities where food and predator faeces can be stored until disposal. In terms of predators escaping, double electrified fencing will be erected to limit their movement not to endanger the lives of people on the premises.</p> <p>The use of a biodigester is being investigated as an alternative to an incinerator. The volume of biomaterial that this type of process can handle may be a limiting factor.</p>
	<ul style="list-style-type: none"> <li>• Les Carlisle (Ngala Tented Camp)</li> <li>• Alastair Kilpin (Ngala Tented Camp)</li> <li>• Brent Pirow (Neighbour)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>The proposed incineration process will also produce smelly smoke and wind direction aside this will settle into the Timbavati River drainage on quiet winter mornings when there is no wind.</p> <p>The incinerator: Again the possibility of a noise, smoke and odor problem. What constitutes "very low emissions and odors"? Although there would be a cost saving and convenience factor, I would opine that such be done off-site at a suitable existing facility and that the plans for an incinerator be scrapped;</p>	<p>Generation of smoke and smell is dependent on the type of material being incinerated: plastic material generates substantial amounts of smoke and smell while carcass material does not. We do not intend to incinerate plastics because of this problem and will remove them from site for recycling purposes</p> <p>Very low emissions and smells relate to the type of incinerator used: the type that is intended has two combustion chambers, the initial one where the bulk of the material is incinerated and the secondary combustion chamber where additional smoke and gas are burnt off. This type of incinerator is used in Skukuza by the State and Park veterinarians to dispose of carcasses and</p>

			medical waste. Their experience is that it can be operated without causing troubling amounts of smoke and smells. This facility is also in close proximity of the tourist camp and the staff village
Ground and surface water	<ul style="list-style-type: none"> <li>• Les Carlisle (Ngala Tented Camp)</li> <li>• Alastair Kilpin (Ngala Tented Camp)</li> <li>• Brent Pirow (Neighbour)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>Ngala tented camp is situated at a lower level in the Timbavati River drainage line than the HHWRS and smells and waste will go downhill. It is only marginally upstream so that ground water pollution is also a major concern!</p> <p>How in fact will natural rainfall that runs through pens be dealt with so as not have it flow downhill?</p>	<p>The number of animals kept in the enclosures will not be such that extensive accumulation of dung will be a problem. It is intended to regularly remove this from the enclosures. No other material is expected to accumulate that would cause potential pollution.</p> <p>Cut off drains will provide barriers to the flow of water in those areas where accumulated dung could be a problem could be considered, if the run-off proves to be a problem. Predator waste will be dealt with as indicated above</p>
	<ul style="list-style-type: none"> <li>• Alastair Kilpin (Ngala Tented Camp)</li> </ul> <p>Public meeting (12 April 2010)</p>	<p>Water quality monitoring: I would request that our borehole on the Timbavati be monitored for water quality and reports sent through on a monthly basis;</p>	<p>This is noted and will be inserted as a requirement in the EIA</p>
	<ul style="list-style-type: none"> <li>• DWA</li> </ul> <p>Comment on DSR (August 2010)</p>	<p>The requirement for water use license must be clarified, and the potential impacts on ground and surface water must be addressed in the EIA phase.</p>	<p>Noted. The report as been updated to clarify these issues. Ground and surface water impacts will be addressed in the EIA phase.</p>
Air pollution	<ul style="list-style-type: none"> <li>• DEA</li> </ul> <p>Comment on DSR (August 2010)</p>	<p>It is not clear how the legislation governing the requirement of an Atmospheric Emissions License will affect the application. The report estimates maximum levels of necropsy waste quantities of not more than 1,5 tonnes per day. The proposed development may therefore trigger a listing requiring an Atmospheric Emissions License.</p> <p>There is also no proof of notification of the relevant authority in terms of the possibility of obtaining an atmospheric emissions license.</p>	<p>The activity will require an Atmospheric Emissions license.</p> <p>The relevant authority has been notified and consulted. Proof of this correspondence has been included in the report.</p>
Heritage	<ul style="list-style-type: none"> <li>• SAHRA</li> </ul> <p>Comment on DSR (August 2010)</p>	<p>A Phase 1 Archaeological Assessment is required OR a letter by an Archaeological specialist indicating that there is no necessity for further assessment.</p>	<p>Noted. The report has been updated to reflect this requirement.</p>
		<p>A Phase 1 Paleontological Assessment is required OR a letter by a Paleontological specialist indicating that there is no</p>	<p>Noted.</p>

		necessity for further assessment.	
	<ul style="list-style-type: none"> <li>• SAHRA</li> <li>• Comment on FSR (March 2013)</li> </ul>	SAHRA Archaeology, Paleontology and Meterites (APM) Unit has no objection to the proposed development on the condition that if any evidence of archaeological sites or remains (e.g. remnants of stone made structures, indigenous ceramics, bones, stone artefacts, ostritch eggshell fragments, marine shell and charcoal / ash concentrations), unmarked human burials, fossils or other categories of heritage resources are found during the proposed activities, SAHRA APM Unit...must be altered immediately and a professional archaeologist or paleontologist, depending on the nature of the finds, must be contacted as soon as possible to inspect the finds. If the newly discovered heritage resources prove to be of archaeological or paleontological significance, a Phase 2 operation might be necessary.	Noted. The report has been updated to reflect this requirement.
All	<ul style="list-style-type: none"> <li>• MDEDET</li> </ul> <p>Comment on DSR (January 2013)</p>	The Department has no objection to the Draft Scoping Report and is satisfied with the Plan of Study for Environmental Impact Assessment and the Terms of Reference for specialist investigations.	Noted.
All	<ul style="list-style-type: none"> <li>• MTPA</li> </ul> <p>Comment on DSR (January 2013)</p>	MTPA has no objection to the proposed development or the sensitivity of the site. MTPA however requires that although the area of concern is relatively denuded and degraded we require that a vegetation study on the site is done in order to determine which plants such as succulents and trees are protected and which can be successfully rescued and relocated before construction takes place.	Noted. The report has been updated to include a floral and faunal survey
All	<ul style="list-style-type: none"> <li>• MTPA</li> <li>• Comment on FSR (January 2013)</li> </ul>	<p>MTPA has no objection to the proposed development or the sensitivity of the site. MTPA however requires that although the area of concern is relatively denuded and degraded, we require that studies be done on:</p> <ul style="list-style-type: none"> <li>• Vegetation – in order to determine which plants such as succulents and trees are protected and which can be successfully rescued and relocated before construction takes place.</li> <li>• Arachnids – since baboon spiders came up as a concern with earlier EIA's close to this area.</li> </ul>	Noted. The report has been updated to include a floral and faunal survey
All	<ul style="list-style-type: none"> <li>• DEA</li> </ul> <p>Approval of FSR (May 2013)</p>	<p>The following amendments and additional information are required for the EIR:</p> <ul style="list-style-type: none"> <li>• Proof of application for a water use and air emissions license</li> </ul>	It is suggested that this requirement be included in the Environmental Authorisation, should this be granted. The report has been updated to reflect this suggestion.

		<ul style="list-style-type: none"> <li>An indication of whether agreement or confirmation of capacity from service providers has been obtained for services such as sewage, refuse removal, water and electricity.</li> </ul>	This is considered unnecessary as neither sewage nor water is on the grid (i.e. water is supplied from a borehole on site, and sewage is managed on site). Electrical infrastructure is already in place, and refuse removal (domestic waste) will remain largely the same at the present situation.
		<ul style="list-style-type: none"> <li>A construction and operational phase EMP to include mitigation and monitoring measures.</li> </ul>	This will be included.

<b>Scoping Report</b>			
Inconsistency and insufficiency of information	<ul style="list-style-type: none"> <li>DEA Comment on DSR (August 2010)</li> </ul>	A more complete list of potential impacts must be included in the report. Specifically issues of air pollution, odour and disease risk must be included. It must be clarified whether these issues will be assessed in the EIA phase.	All issues and impacts have been included in the report.
		The report does not state what specific specialist studies will be commissioned to assess the alternative waste treatment technologies. It is therefore not clear whether the potential impacts of air pollution, odor and disease risk are to be assessed in this suite of studies. The Plan of Study for EIA does not provide further clarity on the specific tasks to be undertaken or include the specialist's Terms of Reference.	The recommended specialist studies and Terms of Reference have been clarified in the report.
		The report does not offer clarity on the issue of further study into the risk of disease risk to humans and wildlife. It is recommended that an independent opinion is provided on the issue of disease risk.	This issue will be addressed in the EIA, and an independent opinion on this issue will be sought. This recommendation has been included in the Plan of Study for EIA.
		Clarify whether plastic wastes will be incinerated on site or not.	Plastic containers, syringes, sharps etc will not be incinerated, but stored and transported off site by specialist service provider to Onderstepoort, where it will be incinerated under that facility's license. This has been clarified in the report.
		It is not certain whether the issue of soil, ground and surface water contamination will be addressed in the EIA phase. DWA further requested that information on geohydrology, drainage and floodlines be provided, and that the EIA considered the proximity of the Timbavati River and groundwater abstraction points.	These issues will be addressed in the EIA phase. The report has been amended to clarify this issue.  A more detailed assessment of the ground water status and surrounding abstraction points has been recommended, but floodline information is not considered relevant as the development footprint lies more than 100m from the closest tributary of the Timbavati River, and more than 500m from the Timbavati itself.
		Clarity is required on whether an HIA is required. Comment from SAHRA is required in this regard.	No specialist HIA is considered necessary, as the EIA covers the scope of such an assessment. In addition,

			none of the structures on site are older than 60 years. The potential impact on archaeological and historical impacts will be addressed in the EIA.
		The BSL2 Regulations were not attached to the report.	A description of the various BSL levels have been attached as an appendix to the report. In addition the University of Pretoria's Laboratory Safety Manual has been included, which details the procedures which are followed in a facility such as the HHWRS (categorised in terms of the BSL levels).
		The correct list of waste activities being applied for must be included in the report.	The report has been updated to reflect the correct list of activities.

<b>Public Participation</b>			
Public participation in terms of regulation 29 (h) and (i) of GN R385.	<ul style="list-style-type: none"> <li>• DEA</li> </ul> Comment on DSR (August 2010)	Proof of notification of I&AP's has not been included in the report.	Proof of written correspondence has been included as an appendix to the document.
		Copies of written representations, comments and objections by IAP's must be included in the report.	This has been done where written comments have been received. Verbal comments (such as those submitted at the public meeting) have been indicated as such.
		A clipping of the newspaper advert for the EIA process must be included in the report.	A copy of the advert has been included.
		A complete list of registered I&AP's must be included in the report.	A full I&AP list has been included.
Public participation in terms of regulation 29 (h) and (i) of GN R385.	<ul style="list-style-type: none"> <li>• DEA</li> </ul> Letter of Approval (March 2010)	The Department has evaluated the submitted request dated 17 October 2012 and has decided to grant exemption for the following: <ul style="list-style-type: none"> <li>• Advertisement of the project in printed media;</li> <li>• Advertisement of the proposed project on site</li> </ul> and <ul style="list-style-type: none"> <li>• Allowance of a 30 day registration period of I&amp;AP's.</li> </ul> Other aspects of the public participation process must be conducted in fulfilment of the requirements as stipulated in Regulation 54 of GN R.543 of 18 June 2010.	Noted.

**A.8 Correspondence with Stakeholders**

## Invitations (2010 process)

Theresa Sowrey - SAWC

2012/11/29 4:27 PM

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:17 AM  
To: 'Theresa Sowrey'; Theresa Sowry (tsowry@sawc.org.za);  
'fgreyling@sawc.org.za'  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Theresa Sowrie

26th March 2010

Per e-mail: fgreyling@sawc.org.za

Dear Theresa

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

You are invited to a public meeting that will take place, on the 12th April 2010, at 14 pm.  
We will meet on site (Hans Hoheisen Research Institute) adjacent to Orpen Gate.

Attached please find a map to direct you to the meeting venue. Please be so kind as to advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:  
sawildc@lantic.net  
fgreyling@sawc.org.za  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute

Page 1 of 2



From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'RosinahN@sanparks.org'  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Rosinah Ndhambi

26th March 2010

Per email: RosinahN@sanparks.org

Dear Rosinah

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

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Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:  
RosinahN@sanparks.org  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'RichardS@sanparks.org'  
Subject: Public Meeting for EIA - Hans Hoheisen Research Institute  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Richard Sowrie

26th March 2010

Per e-mail: RichardS@sanparks.org

Dear Richard

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

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Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:  
RichardS@sanparks.org  
Subject: Public Meeting for EIA - Hans Hoheisen Research Institute

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:17 AM  
To: 'Nick.Kriek@up.ac.za'  
Subject: Public and Departmental meeting - Hans Hoheisen  
Attachments: Public and dept map\_red.pdf; BID\_26 March 2010\_reduced images\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Nick Kriek

26th March 2010

Per email: Nick.Kriek@up.ac.za

Dear Nick

DEPARTMENTAL SITE MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

You are invited to a Departmental site meeting that will take place, on the 12th April 2010, at 10am. We will meet on site (Hans Hoheisen Research Institute) adjacent to Orpen Gate.

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

You are invited to a public meeting that will take place, on the 12th April 2010, at 14 pm.  
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Attached please find a map to direct you to the meeting venue. Please be so kind as to advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

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V&L Landscape Architects  
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0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

From: Steve [mailto:steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: Ngala GM - Alastair Kilpin  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Alistair Kilpin

26th March 2010

Per email: al.kilpin@andbeyond.com

Dear Alistair

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

You are invited to a public meeting that will take place, on the 12th April 2010, at 14 pm.

We will meet on site (Hans Hoheisen Research Institute) adjacent to Orpen Gate.

Attached please find a map to direct you to the meeting venue. Please be so kind as to advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

From: Steve [steve@vrl.co.za]  
Sent: 29 March 2010 08:33 AM  
To: 'mburger@ppf.org.za'  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Mia Burger (Peace Parks Foundation)

26th March 2010

Per email: mburger@ppf.org

Dear Mia,

Please forward this invitation to the relevant parties with your organisation.

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

You are invited to a public meeting that will take place, on the 12th April 2010, at 14 pm.

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Attached please find a map to direct you to the meeting venue. Please be so kind as to advise us of your attendance.

Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:17 AM  
To: 'ikama'  
Subject: Public and Departmental meeting - Hans Hoheisen  
Attachments: Public and dept map\_red.pdf; BID\_26 March 2010\_reduced images\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Louis van der Merwe

26th March 2010

Per email: ikama@mweb.co.za

Dear Louis  
DEPARTMENTAL SITE MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

You are invited to a Departmental site meeting that will take place, on the 12th April 2010, at 10am. We will meet on site (Hans Hoheisen Research Institute) adjacent to Orpen Gate.

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

You are invited to a public meeting that will take place, on the 12th April 2010, at 14 pm.  
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Please do not hesitate to contact me should you have any enquiry.

Regards  
Steven Henwood (Nat Dip. Nature Conservation)  
V&L Landscape Architects  
P O Box 26696  
Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'LombardS@sanparks.org'  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Lombard Shirindzi

26th March 2010

Per email: LombardS@sanparks.org

Dear Lombard

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

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advise us of your attendance.

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Regards  
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V&L Landscape Architects  
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Steiltes  
Nelspruit  
1213  
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0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification  
was not sent by the destination:  
LombardS@sanparks.org  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute



From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'Thanyani, Jimmy (Mr) (s207029020)'  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Jimmy Thanyani

26th March 2010

Per email: jimmy.thanyani@nmmu.ac.za

Dear Jimmy

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

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Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'Isaiahm@sanparks.org'  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Isahiah Nykakne

26th March 2010

Per email: Isaiahm@sanparks.org

Dear Isahiah

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
THE FARM KEMPIANA 90 KU

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Steiltes  
Nelspruit  
1213  
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0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:  
Isaiahm@sanparks.org  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute

From: Steve [steve@vrl.co.za]  
Sent: 29 March 2010 03:39 PM  
To: 'DTHWALA@mpg.gov.za'  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: DUDUZILE THWALA

26th March 2010

Per email: DTHWALA@MPG.GOV.ZA

Dear Duduzela,

Please forward this invitation to the relevant parties with your organisation.

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
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Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

From: Steve [steve@vrl.co.za]  
Sent: 29 March 2010 03:38 PM  
To: 'dchiloane@mpg.gov.za'  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: David Chiloane

26th March 2010

Per email: dchiloane@mpg.gov.za

Dear David,

Please forward this invitation to the relevant parties with your organisation.

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
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Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'clare\_bell\_mills@yahoo.co.uk'  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Clare Mills

26th March 2010

Per email: clare\_bell\_mills@yahoo.co.uk

Dear Clare

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
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THE FARM KEMPIANA 90 KU

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Regards  
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Nelspruit  
1213  
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0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:  
clare\_bell\_mills@yahoo.co.uk  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'bpirow@absamail.co.za'  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Brent Pirow

26th March 2010

Per email: bpirow@absamail.co.za

Dear Brent

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
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Nelspruit  
1213  
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0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:  
bpirow@absamail.co.za  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute

From: Steve [steve@vrl.co.za]  
Sent: 26 March 2010 11:00 AM  
To: 'andy@drifters.co.za'  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Andy Dott

26th March 2010

Per e-mail: andy@drifters.co.za

Dear Andy

Please forward this on to the responsible person.

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
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V&L Landscape Architects  
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Steiltes  
Nelspruit  
1213  
013 744 3759 (Tel/Fax)  
0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:  
andy@drifters.co.za  
Subject: Public meeting for EIA - Hans Hoheisen Research Institute



From: Steve [steve@vrl.co.za]  
Sent: 29 March 2010 03:39 PM  
To: 'dibakoanea@mpg.gov.za'  
Attachments: BID\_26 March 2010\_reduced images\_red.pdf; Public and dept map\_red.pdf

Our Ref: 12/12/20/1820 (Hans Hoheisen Research Institute)

Your Ref: Allen Dibakoane

26th March 2010

Per email: dibakoanea@mpg.gov.za

Dear Allen,

Please forward this invitation to the relevant parties with your organisation.

PUBLIC MEETING  
FOR THE PROPOSED UPGRADE TO HANS HOHEISEN ANIMAL RESEARCH INSTITUTE, ON PORTION 2  
OF  
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V&L Landscape Architects  
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Nelspruit  
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0866 725 384 (Fax to e-mail)  
Cell: 078 672 3645  
steve@vrl.co.za

## Invitation Comment on Draft Scoping Report (2012 process)

From: Mandy van der Westhuizen <mandy@vrl.co.za>  
Subject: Draft Scoping Report for the proposed Upgrade of the Hans Hoheisen Wildlife Research Station, Mpumalanga  
Date: 11 January 2013 1:17:21 PM SAST  
To: "marisa@mtpa.co.za" <marisa@mtpa.co.za>, "jan@mtpa.co.za" <jan@mtpa.co.za>, "jimmy.thanyane@nmmu.ac.za" <jimmy.thanyane@nmmu.ac.za>, "mbmanyaleti@gmail.com" <mbmanyaleti@gmail.com>, "svorpen@gmail.com" <svorpen@gmail.com>, "Ben@NELVET1.agric.za" <Ben@NELVET1.agric.za>, "dibakoanea@mpg.gov.za" <dibakoanea@mpg.gov.za>, "dchiloane@mpg.gov.za" <dchiloane@mpg.gov.za>, "tnngwenya@mpg.gov.za" <tnngwenya@mpg.gov.za>, "linmariedk@daff.gov.za" <linmariedk@daff.gov.za>, Richard Burroughs <richard.burroughs@up.ac.za>, Marie Watson <marie.watson@up.ac.za>, "louis.vanschalkwyk@up.ac.za" <louis.vanschalkwyk@up.ac.za>, "nick.kriek@up.ac.za" <nick.kriek@up.ac.za>, "lombards@sanparks.org" <lombards@sanparks.org>, "isaiahm@sanparks.org" <isaiahm@sanparks.org>, "ezron.mathumbu@sanparks.org" <ezron.mathumbu@sanparks.org>, "richards@sanparks.org" <richards@sanparks.org>, "rosinahn@sanparks.org" <rosinahn@sanparks.org>, "fgreyling@sawc.org.za" <fgreyling@sawc.org.za>, "fnel@sawc.org.za" <fnel@sawc.org.za>, "al.kilpin@andbeyond.com" <al.kilpin@andbeyond.com>, "clare\_bell\_mills@yahoo.co.uk" <clare\_bell\_mills@yahoo.co.uk>, "bpirow@absamail.co.za" <bpirow@absamail.co.za>, "Almero@timbavati.co.za" <Almero@timbavati.co.za>, "gert@hotgroup.co.za" <gert@hotgroup.co.za>, "ikama@mweb.co.za" <ikama@mweb.co.za>, "andy@drifters.co.za" <andy@drifters.co.za>  
Cc: "Pspepe@deat.gov.za" <Pspepe@deat.gov.za>, "dereck@nuleafsa.co.za" <dereck@nuleafsa.co.za>

Dear Stakeholder

Please be advised that the Draft Basic Assessment Report and all Appendices for the above project (NEAS Ref DEA/EIA/0001374/2012; DEA Ref 14/12/16/3/3/3/48) is now available for comment. Please follow the link to download documents:

<https://www.dropbox.com/sh/ataeckg6aeke95v/H3bDVeQkJh>

Please let me know if you would like to receive a CD containing the report and appendices. If you experience any difficulty in downloading the documents, or have any questions relating to the project or EIA process, please do not hesitate to contact the EAP listed below.

As required by the EIA regulations, a 30 day comment period is given for public stakeholders commencing on Monday 14 January 2013 and ending on Monday 11 February 2013.

If you have received this email in error, please be so kind as to inform the sender.

I look forward to receiving any comments that you may have.

Mandy van der Westhuizen (PrLArch)

for V&L Landscape Architects  
mandy@vrl.co.za  
vanderwesthuizen.mandy@gmail.com  
083 556 7307

From: Mandy van der Westhuizen <mandy@vrl.co.za>  
Subject: Draft Scoping Report for the proposed Upgrade of the Hans Hoheisen Wildlife Research Station, Mpumalanga  
Date: 11 January 2013 1:03:18 PM SAST  
To: "spduma@environment.gov.za" <spduma@environment.gov.za>, "dlaminim@dwa.gov.za" <dlaminim@dwa.gov.za>,  
"Lmoja@environment.gov.za" <Lmoja@environment.gov.za>, "selby@vodamail.co.za" <selby@vodamail.co.za>,  
"annemariea@social.mpv.gov.za" <annemariea@social.mpv.gov.za>, "phine@sahra.org.za" <phine@sahra.org.za>,  
"mtheledi@mpg.gov.za" <mtheledi@mpg.gov.za>, "rluyt@mpg.gov.za" <rluyt@mpg.gov.za>,  
"nkunan@bushbuckridge.gov.za" <nkunan@bushbuckridge.gov.za>, "makhubelab@bushbuckridge.gov.za"  
<makhubelab@bushbuckridge.gov.za>  
Cc: "Pskepe@deat.gov.za" <Pskepe@deat.gov.za>, "dereck@nuleafsa.co.za" <dereck@nuleafsa.co.za>

---

Dear Compliance Authority

Please be advised that the Draft Basic Assessment Report and all Appendices for the above project (NEAS Ref DEA/EIA/0001374/2012; DEA Ref 14/12/16/3/3/3/48) is now available for comment. Please follow the link to download documents:

<https://www.dropbox.com/sh/ataeckg6aeke95v/H3bDVeqk3h>

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I look forward to receiving any comments that you may have.

Mandy van der Westhuizen (PrLArch)

for V&L Landscape Architects  
mandy@vrl.co.za  
vanderwesthuizen.mandy@gmail.com  
083 556 7307