

4-2-274-0008-2002 0801-ACHMC

1 August 2002
Tel/Fax (012) 348 5668

Landscape Dynamics
PO Box 947
GROENKLOOF
0027

For attention : Ms Annelize Grobler

Dear Annelize

PROPOSED ESTABLISHMENT OF THE IKHUTSENG PRIVATE RESORT ON PORTION 6 OF THE FARM NOOTGEDAHT
2210 : ENVIRONMENTAL SCOPING STUDY : CONFIRMATION OF ARCHAEOLOGICAL AND CULTURAL HISTORICAL ISSUES

As a result of our site investigation on 19 July 2002, I hereby confirm the following :

No visible cultural heritage material has been identified on either of the two site development options. The proposed township resort development should therefore not impact negatively upon this component.

Please contact me should you require further input in this regard.

Kind regards



Dr Julius CC Pistorius
(Archaeologist and Cultural Heritage Consultant)

albifrunca (witgat) and *Combretum imberbe* (hardekool) also conspicuous. Dead trees in this vegetation are conspicuous. This seems to be the natural result of trees dying over many years in the case of *Combretum imberbe*, though it also seems that fire did play a role in killing some of the *Acacia* trees. The **shrub layer** is 1.5 m tall, and quite dense, covering up to 25%, with the shrub *Grewia flava* (rosyntjiebos) being the dominant shrub and showing considerable incroachment. The following **Trees & Shrubs** were noted during the survey:

<i>Acacia erubescens</i>	<i>Euclea crispa</i>
<i>Acacia nilotica</i>	<i>Grewia flava</i>
<i>Acacia tortilis</i>	<i>Grewia villosa</i>
<i>Boscia albitrunca</i>	<i>Peltophorum africanum</i>
<i>Combretum imberbe</i>	<i>Ximenea caffra</i>
<i>Dicrostacyc cinerea</i>	<i>Ziziphus mucronata</i>

The **Grass layer** is 1.5 m tall and covers 70%. It is dominated by the tall-growing *Cymbopogon validus* (terpentyngras), with the shorter *Cenchrus ciliaris* (blou buffelsgras) also prominent in certain patches. The following **grass** species are present:

<i>Aristida adscensionis</i>	<i>Enneapogon scoparius</i>
<i>Aristida stipitata</i>	<i>Eragrostis</i> sp.
<i>Cenchrus ciliaris</i>	<i>Panicum maximum</i>
<i>Cymbopogon validus</i>	<i>Setaria verticillata</i>
<i>Digitaria eriantha</i>	<i>Urochloa panicoides</i>

Forbs are rare in this vegetation, never with a high cover, and only scattered individuals of the following species were noted:

<i>Achyranthes aspera</i>
<i>Antizoma</i> sp
<i>Asparagus suaveolens</i>
<i>Heliotropium ciliatum</i>
<i>Oxalis</i> sp
<i>Solanum capensis</i>
<i>Zinnia peruviana</i>

Acacia mellifera
Acacia tortilis
Combretum imberbe

Dicrostacyc cinerea
Grewia flava
Ziziphus mucronata

The **Grass layer** is 0.5 m tall and covers 65%. It is dominated by *Cenchrus ciliaris* (blou buffelsgras), while the tall-growing *Cymbopogon validus* (terpentyngras), is only locally present in certain patches. The following **grass** species are present:

Aristida adscensionis
Aristida congesta
Cenchrus ciliaris
Cymbopogon validus
Enneapogon scoparius

Eragrostis nindensis
Eragrostis rigidior
Eragrostis sp.
Panicum maximum
Urochloa panicoides

Forbs are rare in this vegetation, never with a high cover, and only scattered individuals of the following species were noted:

Achyranthes aspera
Asparagus suaveolens
Solanum panduriforme

Verbena bonariensis
Zinnia peruviana

Discussion

Although also utilised (grazed) previously, this vegetation is presently in a good condition and grazing capacity is relatively high. This is evident from the high abundance of *Cenchrus ciliaris*. The biodiversity is, however, quite low with only a few species present.

- ADDENDUM E: PUBLIC PARTICIPATION PROGRAMME**
- LIST OF INTERESTED AND AFFECTED PARTIES
 - LETTER TO INTERESTED AND AFFECTED PARTIES
 - PROOF OF NEWSPAPER ADVERTISEMENT
 - WRITTEN COMMENTS RECEIVED

CONTACT PERSON	JOB TITLE	COMPANY/INTEREST	POSTAL ADDRESS			TEL NUMBER	FAX NUMBER
Mr Phuti Montiane	Assistent Manager : Engineering	Limpopo Province Road Agency				(015)297 6433 / 082 442 4143	(015)297 4151
Mr Giel Booysen		Adjacent landowner	PO Box 89	NORTHAM	0360	082 873 8837	(014)785 0689
Mr Barend Bekker (c/o Mr Martin Richter)		Adjacent landowner	PO Box 14164	SINOVILLE	0129	082 873 9503 / (012)808 1145	(012)808 2375
Mr Hendrik de Wet		Adjacent landowner	PO Box 209	NORTHAM	0360	082 714 0886	(014)785 0689

NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

Notice is given, in terms of Regulation 4(8) of the Regulations published in Government Notice No R1 183, Section 28 of the Environment Conservation Act (Act no 73 of 1989), that an Environmental Scoping Study is undertaken for the project as described below. The project is registered with Limpopo Environmental Affairs, Reference Number 187/2 103.

Project Name
Proposed establishment of the Ikhuseng Private Resort on Portion 6 of the farm Nooqogadich 2210.

Project Description
The project entails the establishment of rights for a private resort that will include the following:

- 36 upmarket residential units on subdivided portions of approximately 1 hectare each on a game farm of approximately 300 hectares.

- The existing dwelling on the property will be removed/ upgraded as a guesthouse with 8 beds.
- Facilities and infrastructure associated with such a resort.
- The town planner will apply for a change in landuse from agriculture to agriculture with resort rights.

Locality

The farm is located in the Limpopo Province, 75 km north of Brits towards Notham, and borders the Crocodile River.

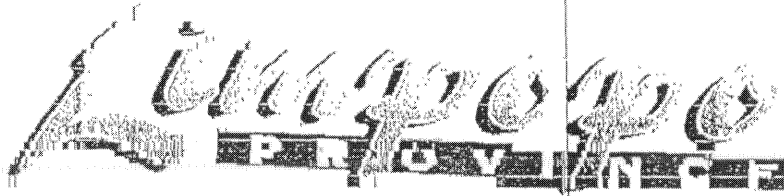
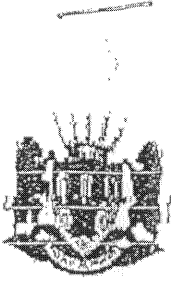
Applicant

Mr Johann Kertiz, on behalf of Mantz Boreider Trust.

In order to ensure that you are identified as an interested party, please submit your name, contact information and interest in, or objection to, the matter to the environmental consultant not later than 14 days after placement of this advertisement.

Landscaping Dynamics (Contact Person: Arnelize Gobbler)
PO Box 947, Grootkloof, Pretoria, 00127
Tel & Fax (012) 4600043
Email: Address: agobbler@landscapingdynamics.co.za

Placed in the Kwêvoël on
2 August 2002



DEPARTMENT OF HEALTH & WELFARE
WATERBERG DISTRICT

Cnr. Collins & Voortrekker
Street
NYLSTROOM
0510

Private Bag X1026
NYLSTROOM
0510
Tel. (014) 717 1483
Fax (014) 717 1429

Ref.no.15/37

Enq: R.J. Tredway

DATE: 05/08/2002

To : F Pohl Town and regional planning
P.O.BOX 650
Groenkloof
0027

Fax no.012-3464217

Sir

Application in terms of ordinance 18 of 1969 (Ordinance on Public Resorts): Portion 6 of the farm Noolgedacht 22.10; Thabazimbi Municipality area


From a health point of view this Department has no objection against the development of the above property provided that all health requirements will be met.

The water that will be used for drinking and domestic purposes should be analyzed bacteriologically and chemically. Results should be forwarded to this office.

The handling of refuse should be handled to the satisfaction of the Municipality and all relevant departments.

The 50 and 100-year flood lines should be drawn on the location/site plan.

Yours faithfully


District Manager

ENVIRONMENTAL MANAGEMENT PLAN

IKHUTSENG PRIVATE RESORT

PRE-CONSTRUCTION PHASE

DESIGN AND APPROVALS

- The architectural/engineering drawings must adhere to the mitigation measures for foundations supplied by the geotechnical engineer.
- The sewage design must include guarantees that no spillage of effluent into the groundwater is possible as a result of structural failure or spilling. The South African Bureau of Standards and the Department of Water Affairs and Forestry must approve the sewage system.
- All services and authorisations will have to comply with the strict regulations of the Thabazimbi Municipality.
- All the procedures regarding licensing and permitting of groundwater abstraction in terms of the National Water Act, 1998 (Act No, 36 of 1998) must be followed.
- The water that will be used for drinking and domestic purposes should be analyzed bacteriologically and chemically and results must be forwarded to the Limpopo Province Department of Health and Welfare as per their request.
- The proposed resort development may not extend into the 1:100 year floodline of the Crocodile River.

MARKETING

- All potential buyers should be supplied with the following information during marketing campaigns :
 - No fencing of houses will be allowed.
 - Only indigenous landscaping would be allowed on properties.
 - No large trees may be removed.
 - Only 6 meters of lawn will be allowed around the houses.
 - An Article 21 Company will be registered for the resort to identify and implement strict measures for hunting, game drives and associated activities.

EDUCATIONAL PROGRAMMES

- An environmental education programme should be followed to ensure that the construction workers and farm workers are well aware of relevant environmental issues such as the following :
 - the purpose of conservation of the natural environment;
 - the restriction on cutting of firewood from the veld;
 - pollution control;
 - waste management, etc.

- Provision must be made for the collection of all construction waste materials.
- The using of the open veld for toilet requirements is prohibited.
- All hazardous substances at the site must be adequately stored and accurately identified, recorded and labeled. All these hazardous substances should be disposed of at a licensed Class H site.
- All waste materials must be removed to a registered dumping site, keeping in mind that different waste materials require different waste sites.
- Rubbish bags must be provided on the construction site to prevent littering.

VELD PROTECTION

- Earthworks must be done as follows :
 - The top 200mm layer of topsoil must be removed and stockpiled in heaps.
 - Excavated soil heaps have to be flattened and shaped in natural forms or else be carted away.
 - The topsoil must be replaced on the construction areas once the activities have been completed.
- Rehabilitation of disturbed areas outside the formal landscaped area must take place. This must include the ripping of compacted areas and might include the planting of indigenous seed mixtures, if necessary.
- Weeds and invasive plants must be controlled to prevent them from spreading.
- The Contractor must adhere to the legal requirements in terms of herbicide use.
- No fires may be made for the burning of vegetation and waste.
- Fire fighting equipment must be readily available on site during all times.
- No firewood may be collected. Cooking facilities must be provided.
- No open fires are to be made on site.

PROTECTION OF FAUNA

- No animals or birds may be fed, disturbed, hunted or trapped.

ARCHAEOLOGY

- No sites of any significance have been identified within the development area. In the very slight event that archaeological components are found during excavations, it should immediately be reported to the Limpopo Office of the South African Heritage Resource Agency that will advise on further action in this regard.

COMMUNITY ISSUES

- All adjacent landowners have to be informed of the blasting programme (if applicable) prior to any blasting taking place. Contractors must liaise personally with possible affected adjacent landowners. All communication in this regard must be documented.