

9/2/032/0004

SCOPING REPORT

ENVIRONMENTAL IMPACT STUDY
FOR A CHANGE IN LANDUSE

ON

**A PORTION OF REMAINDER OF ERF 1,
KEIMOES ROAD: UPINGTON**



Omgewingsimpakstudies

Tweedelaan 13 Oosterville, Upington 8801
Tel / Faks (054) 332 2781

NOVEMBER 2006



2007 0037

SA Heritage Resources Agency Library

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SECTION A**1. GENERAL INFORMATION****1.1 Applicant information**

Applicant: //Khara Hais Municipality

Address: Private Bag X 6003
Upington, 8800

Telephone: (054) 332 5911

Fax: (054) 332 1762

Site visits: 10 August 2006
DTEC - Mr R Moseki
MEG - M.E Geldenhuys

Co-ordinates: 28° 27' 97,8 south
21° 13' 22,9 east

1.2 Landowner information

Landowner: //Khara Hais Municipality

Address: Private Bag X 6003, Upington, 8800

1.3 Site information

As can be seen in Figure 2, the site is bordered to the south by Mozard street and to the north by Keimoesweg which are both residential roads. The site is bordered to the north and south by existing single residential units.

Plot number: Portion of the remainder of Erf 1, Adjacent to
Keimoes road, Upington.

Magisterial district: Gordonia.

Local authority: //Khara Hais Municipality

SECTION B

PROJECT DESCRIPTION

2.1 Background and purpose of the project

During the Integrated Development Process (IDP) a need for centralized land for the development of economic houses was established. In order to provide in this need, //Khara Hais Municipality did a survey to determine which open areas can be developed by means of infill planning in order to densify the city. The result of this survey, now forms part of the approved IDP of //Khara Hais Municipality and will serve as a guideline for future development. A portion of the remainder of Erf 1, adjacent Keimoes Road, which is currently an undeveloped area situated within an existing residential area, was identified during the IDP process and made available for an economic housing development. The site under discussion as indicated for the development is situated in a mainly residential area but also in close proximity of associated land uses such as businesses and a school (Figure 2).

The site currently identified for the development of economic housing, is presently vacant and zoned as undetermined. In order to proceed with the necessary re-zoning, the impact study must be completed as is required by the Department of Tourism, Environment and Conservation.

2.2 Nature and extent of the proposed development

According to the Spatial Development plan and the Vacant Land Analysis of //Khara Hais Municipality which also forms part of the IDP, one of the objectives of the Council is to facilitate the integration of the town in order to densify the town. This will be achieved by the infilling of vacant land between existing landuses within the municipal area, according to the guidelines as set out in the IDP. The proposed development will therefore entail the development of approximately ±200 single residential erven on a portion of the remainder of Erf 1 which is approximately 12,7 hectare in size.

2.3 Alternative sites considered

During the Integrated Development Planning process (IDP), as approved by Council in March 2005, the area under discussion was identified for developments of this nature. This development is therefore in accordance with the spatial development framework for //Khara Hais Municipality. The IDP, together with the development proposals such as these was approved by the different Ward Committees and the IDP Forum which also consisted out of Councillors and community members.

SECTION C

3. EXISTING ENVIRONMENT AND SITE INFORMATION

3.1 Topography

The proposed site has a general incline in a south- westerly direction. The region being applied for, has a moderate incline of approximately 1:100. No outstanding topographical features are to be found on the site as it has in the past been levelled by the City Council for future development.

3.2 Climate

Due to the low rainfall, dry climate and high temperatures that are experienced in the area, high levels of evaporation takes place. The wind-rose for October and January (spring and summer) indicates that the prevailing winds during these two quarters originate from a north and north-north-westerly direction. The mentioned wind-rose further shows that, although the said winds are not strong, they are of a long lasting nature. During winter months, strong south-west and south-south western winds are experienced although they are not of a long lasting nature.

3.3 Vegetation

The entire terrain is characterised by disturbed natural veld with footpaths crossing it at several places. During a visit to the terrain, pioneer grass, black-thorn, prosopis trees and single camel thorn trees were found. Due to the history of the site and human activities in the area, the vegetation does not limit the development thereof.

3.4 Geology and soil conditions

The deeper lying geological formations of the region consist primarily of Namaqualand Mobile Belt gneiss, granite and quartz sporadically disturbed by

pegmatic invasions. The surface soil consists primarily of weathered gneiss with a concentration of quartz sands in the dry river courses. In general, the geology and nature of the soil can be described as hard, though typical of the region and suitable for normal urban development.

3.5 History of ecological and natural disasters

Except for the floods in the Orange river region during 1974 and 1988 which did not affect the application area, no other registered ecological or natural disasters have occurred in the immediate application area.

3.6 Land use patterns and trends

The site is situated in an area bordered by existing single residential units. To the north, on the opposite side of Keimoesroad, is an existing Civic office and within a radius of 400 - 600 metres the following landuses are to be found: a business site, a public open space, a school, offices and single residential properties. All of these landuses complements the proposed landuse and therefore makes it more attractive for potential developers(Figure 2).

3.7 Aesthetic characteristics

As previously mentioned, the surrounding area mainly has a residential character. Due to this fact the development will not have a negative influence on the aesthetic value of the area.

SECTION D

4. DETAILS OF THE DEVELOPMENT

4.1 Nature of the proposed development

The site is approximately 12,7 hectare in size which includes the portion planned for subdivision. The present zoning of the land is undermined and after re-zoning and subdivision, the erf will be used for the development of single residential properties, consisting out of \pm 200, Residential zoning I even.

4.2 Estimates of liquid effluent, solid waste and gaseous emissions

Liquid Effluent - the only possible liquid effluent that will be generated on the site is storm water during rains. The detail of how this aspect will be dealt with will be discussed under par. 3.6.3 of this report.

Solid Waste - The solid waste will be restricted mainly to normal household waste after the completion of the project. Removal of household refuse will coincide with the existing service to the greater Upington.

Gaseous emissions - Due to the nature of the project, no gaseous emissions will be generated on the site as a result of this development.

4.3 Expected volume of water required

Water will be used for normal construction purposes and human consumption. The individual sites will be supplied with water by being incorporated into the existing system currently in use in Upington. The Municipality will make this service available to future owners.

After completion of the project, residents will make use of the water for normal human consumption and associated purposes only. No abnormalities in this regard are foreseen.

4.4 Estimated time of commencement and completion of construction

Once the environmental impact study has been approved the applicants may commence with the re-zoning and subdivision of the area. After completion of the rezoning and subdivision of the property, construction work will start within one year and be finished by the end of the following year.

4.5 Number of constructional and operational employees

The actual number of workers who will benefit from the development is not known, since a contractor has not yet been appointed. It will naturally be recommended that residents from the local community be appointed for any work that needs to be done.

4.6 Infrastructure

4.6.1 Water

The development will be incorporated into the existing system currently being used in Uppington. The Municipality will provide this service to future owners.

4.6.2 Sewerage

The development will be incorporated directly into the existing system of Uppington. The Municipality will therefore also provide this service to future owners.

4.6.3 Storm water

Run-off water on the terrain will be accommodated directly into the road system or will be handled by the existing local culverts. The site will have no future problem concerning storm water drainage and no danger of possible floods occur in the area.

4.6.4 Electricity

The proposed development will be incorporated into the electricity reticulation system in Upington. Existing electricity services also exist in the area and the proposed development will therefore also be connected to them.

4.6.5 Solid waste

The household refuse will be removed from the area as part of the existing service provided to the rest of Upington. All refuse removed will then be dumped at the formal, licensed refuse site.

4.7 Air, water and land pollution

During the construction phase there may be minimal and periodic incidents of air and noise pollution due to construction activities such as dust and noise as a result of earthworks. The contractor will use water to minimise dust pollution. Construction work will also be limited between 07h00 - 19h00 hours, with no construction work on Sundays.

Due to the residential character and level of services planned at the proposed development, no serious risks thus exist in this regard.

4.8 Public participation and social characteristics

A comprehensive public participation process was followed to identify all possible interested and affected parties (I & APs) as well as issues of significance to the project.

The public participation process was done by means of newspaper advertisements (Annexure 1), an advertisement on the site, consultation with various stakeholders, and notices sent to the adjacent land owners (annexure 2) as well as relevant organisations, government departments, etc. During this process the following interested and affected parties were identified and consulted:

During this process the following interested and affected parties were identified and consulted:

Department of Water Affairs and Forestry

A copy of the Scoping Report is submitted to this department for their inputs.

McGregor Museum Kimberley - annexure 5

A Phase 1 Heritage Impact Assessment were done on this site. It is suggested that the development proceed as planned.

Adjacent landowners - annexure 3

//Khara Hais Municipality - annexure 4

Comment on the concerns of the adjacent landowners.

Department of Tourism, Environment and Conservation

Site visit was done with the official, Mr R Moseki on 10 August 2006.

None of the abovementioned parties, as well as the adjacent land owners, had any objections to the development. The inputs as received from the abovementioned interested and affected parties will be forwarded to Department of Tourism, Environment and Conservation.

4.9 Social and economic characteristics

The proposed development will contribute positively to the spatial integration of the town, the effective use of existing infrastructure and will also provide in a demand for housing of this nature within Upington.

4.10 Public health characteristics

The proposed development will pose no threat to public in the area as it will merely be incorporated into the existing infrastructure and facilities in the area.

4.11 Archeological, historical and cultural issues

The development will pose no threat to any archeological, historical and cultural places of value(Annexure 5).

SECTION E

5 DESCRIPTION OF EXPECTED POSITIVE AND NEGATIVE EFFECTS ON THE ENVIRONMENT

The following issues that may impact on the environment have been identified:

5.1 Issues related to the site itself

5.1.1 Earthworks during development and construction

Due to the nature of the work to be done in the future, possible dust and noise pollution may occur during the construction phase. The impact of these problems can be minimised to a large extent by keeping the surface wet during construction and especially on windy days. This will lessen the generation of dust during this phase.

By restricting the use of heavy machinery and noise generating equipment to between 07h00 and 19h00, excluding Sundays, the effect of noise pollution on the existing community will be minimised.

As these two aspects will only be problematic during the short construction phase, they will have no long term negative influence on the environment.

5.1.2 Possible effects on the natural vegetation and habitat

As previously mentioned, the proposed development will take place on a piece of vacant land. The land has also already been disturbed by human activities. During a visit to the terrain, occasional camelthorn trees *Acacia Erioloba*, were found. The development of the site can however take place without disturbing any of the Camelthorn trees in the area. Should it however, for any reason be necessary to disturb any of the Camelthorn trees,

the necessary permits should first be obtained from the Department of Water Affairs and Forestry as they are a protected species.

SECTION F

6. RECOMMENDATIONS

As can be seen from the above report, the proposed development of a Portion of Erf 1, Upington will not have a significant negative impact on the environment as long as certain precautionary measures, as will be discussed later, are implemented.

The following possible impacts identified, should however also be addressed as part of the process in order to minimise any negative effects on the environment:

5.1 During the construction of the services at the site the following aspects should be dealt with in an efficient manner:

5.1.1 The prevention of any form of pollution that may take place during the construction period.

5.1.2 Storage and removal of waste material from the site.

5.1.3 The minimising of dust generation during construction by keeping the construction site wet.

5.1.4 The provision of adequate sanitary facilities during the development of the site.

5.1.5 The use of heavy machinery and noise generation equipment to be allowed between 07h00 and 19h00, excluding Sundays.

5.1.6 The prevention of damage to existing infrastructure in the area.

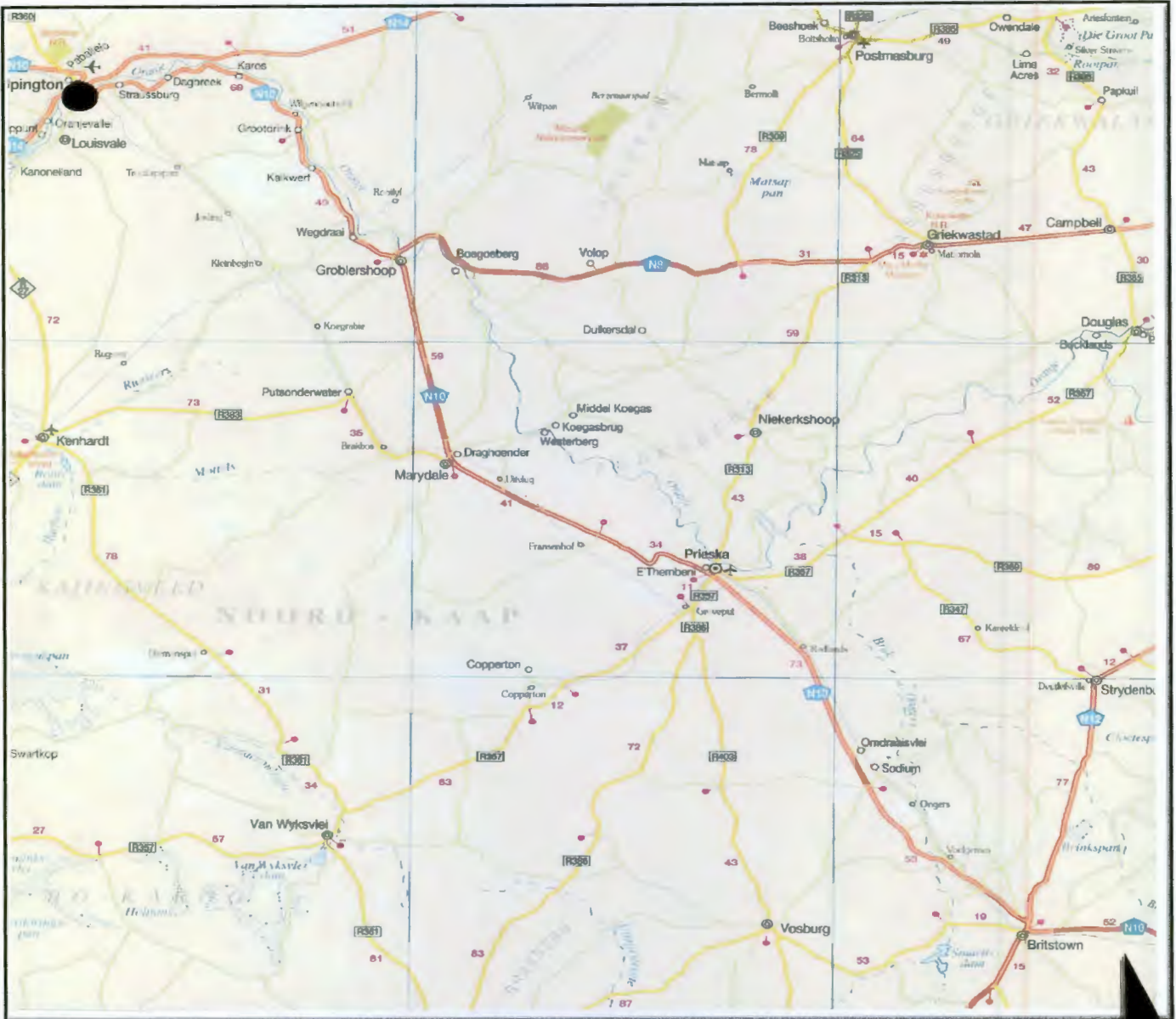
5.2 Other regulations that should be complied with:

5.2.1 All articles and regulations of the National Water Act 1988 (Act 36 of 1988) with regard to water pollution and with specific reference to Articles 19,20,21,22,26,27,28 and 29;

5.2.2 All articles and regulations of the Environmental Conservation Act, 1989 (Act 73 of 1989) regarding the dumping of refuse.

5.2.3 All articles and regulations of the National Forestry Act, 1998 (Wet 84 of 1998) with reference to the conservation of protected trees

Figure 1



Locality plan

Proposed change of land use,
Keimoes Road, ± 12,7 ha

UPINGTON

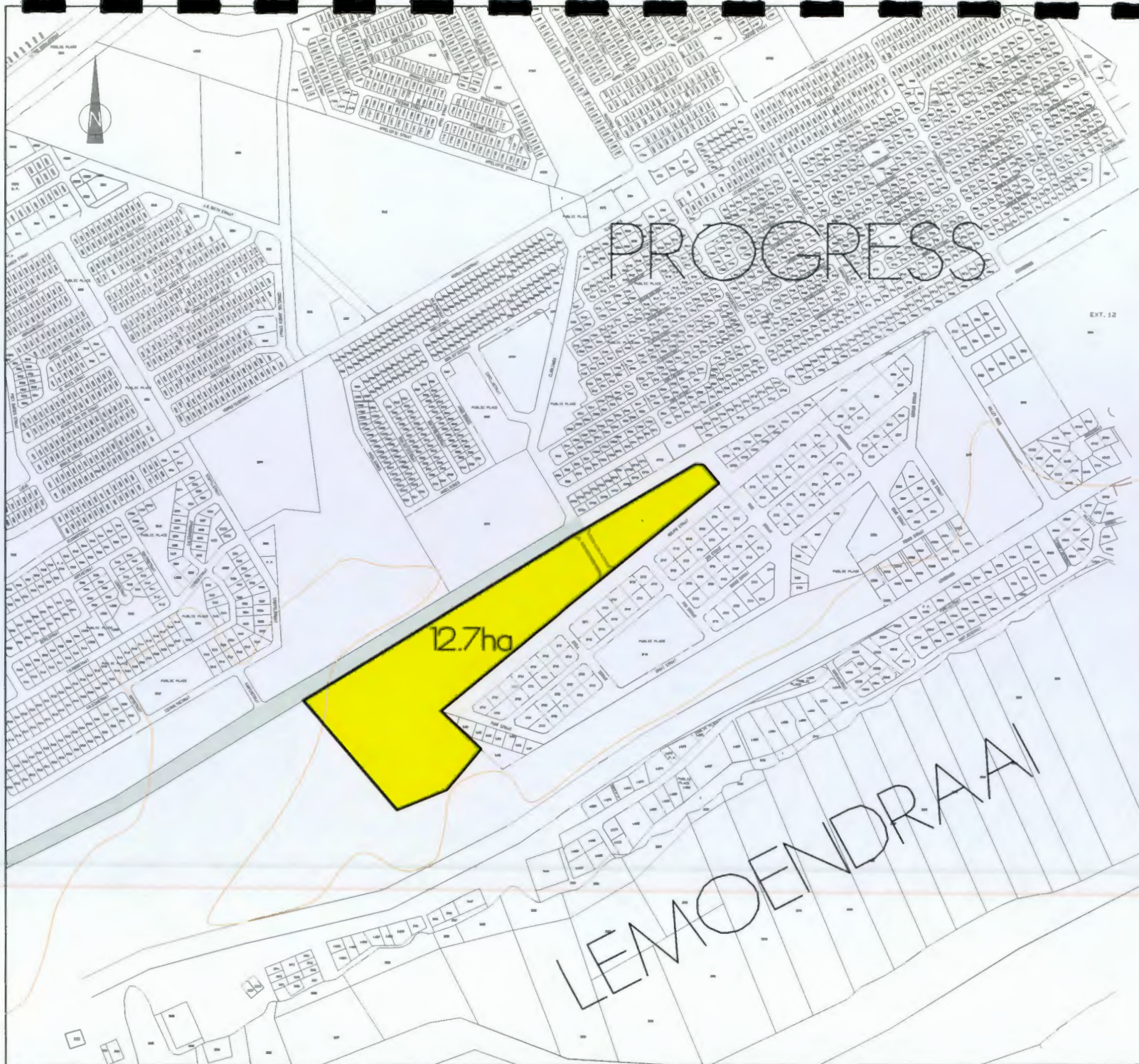
//KHARA HAIS MUNICIPALITY



Omgewingsimpakstudies


Tweedelaan 13 Oosterville, Upington 8801
Tel / Faks (054) 332 2781

Figure 2



Figuur 2
Liggingsplan - Plaaslik

Ou Keimoesweg
Uitbreiding

Aansoekgebied 

MACROPLAN
Stads- & Streekbepanners
Town & Regional Planners



Posbus 987
Uppington
8800
Tel: 054 - 332 3642

Spatial Designs
Land Use Specialists



GOBETLA

PLAN NO. - RD.

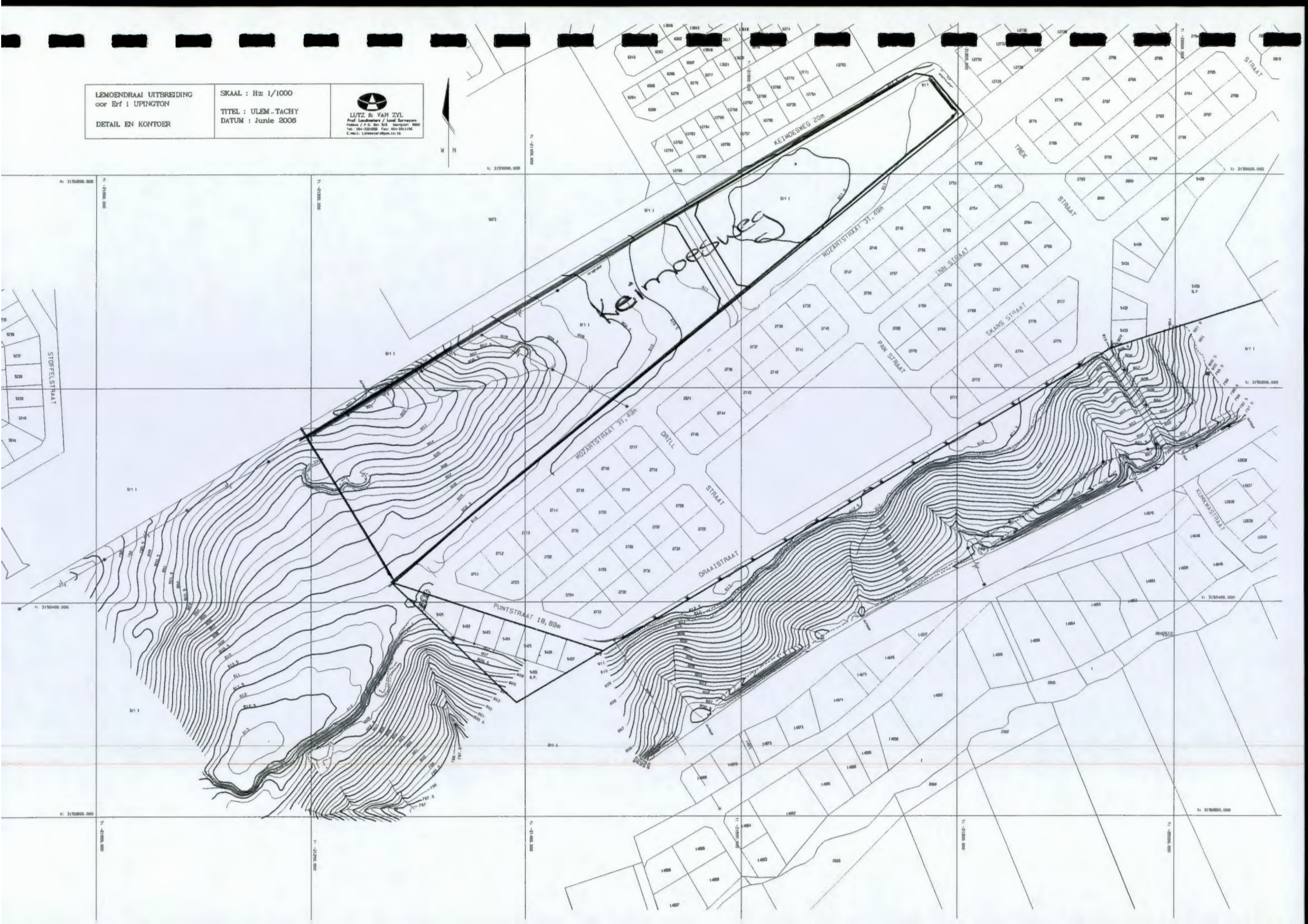
U/KH/KW/02

SKAAL 1:10 000	SCALE	ONTWERP DESIGNED	Len Fourie
		OETEKER DRAWN	Thys Neels
DATUM DATE	Junie 2006	MAGESTEN CHECKED	

Figure 3

LEMOENDRAAI UITBREIDING
oor Erf 1 UPINGTON

SKAAL : Hz 1/1000
TITEL : ULEM-TACHY
DATUM : Junie 2006



Photo



PHOTO: Proposed site at KEIMOESWEG.



Annexure 1

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

NOTICE N153/2006

Notice is given in terms of Regulation 4(6) of the regulations published in Government Notice No. R.1183 under Section 28 of the Environment Conservation Act, 1989, (Act 73 of 1989) of the intent to carry out the following activity:

Proposed Activity: Proposed land use change from agricultural/undertermined to economic residential erven

Location: Portion of the Remainder of erf 1, UPINGTON

Name of proponent: //Khara Hais Municipality

Name of contact: MEG Omgewingsimpakstudies
Private Bag X5879
Postnet Suite 63
UPINGTON
8800

Tel/Fax: 054 332 2781

E-mail: megois@intekom.co.za

Date of advertisement: Gemsbok 22 September 2006

In order to ensure that you are identified as an interested and/or affected party please submit your name, contact information, comments and interest in the matter, to the contact person given above, within 14 days of publication of this advertisement.

OMGEWINGSIMPAKSTUDIE KENNISGEWING K153/2006

Kennis geskied in terme van Regulasie 4(6) van die regulasies soos gepubliseer in Staatskennisgewing Nr. R.1183 onder Afdeling 26 van die Wet op Omgewingsbewaring, 1989, (Wet 73 van 1989) van die voorneme vir die uitvoering van die volgende aktiwiteit:

Voorgestelde aktiwiteite: Voorgestelde grondgebruiksverandering van landbou/onbepaald na ekonomiese residensiële erwe

Ligging: Gedeelte van die Restant van erf 1, UPINGTON

Aansoeker: Munisipaliteit //Khara Hais

Kontakpersoon: MEG Omgewingsimpakstudies
Privaatsak X5879
Postnet Suite 63
UPINGTON
8800

Tel/Faks: 054 332 2781

E-pos: megois@intekom.co.za

Datum van advertensie: Gemsbok 22 September 2006

Ten einde te verseker dat u geïdentifiseer word as 'n belanghebbende party, moet u asseblief u naam, kontak inligting, kommentaar en belang by die aangeleentheid, aan die kontakpersoon soos verstrekk, binne 14 dae na publikasie stuur.

Kalahari Kuierfees 20-23 September

Soli Philander se 'hotnotsgot' wag op feesgangers

UPINGTON: Teaterliefhebbers moet nie die jongste eenman-produksie, *Hotnotsgot*, van Soli Philander misloop nie. Daar is twee geleentheidstukke in die teater om dit by te bring. *Hotnotsgot* handel Soli se woorde vyf woon, Vrydag, 22 September oor wag - 'n hotnots-tember en Saterdag die got wag. In hierdie wat wag: die mishan-



deldes van ons bietjie wonder en son samelewing wat wag van 'n ketel leer ken mer ook "die waare van 'n blom om elke seerkry te besweer. 'n in met sy skilderkw Ouma wie se kinders van woorde en bri belowe het dat sy kan jante toneelspe Moenic op jou la wag nie - koop jo kaartjie nou! Soli is op sy oor- Teaterkaartjies sler tuigende beste! Teatergangers kan 'n beskikbaar by St bietjie lag ver wag, 'n Kalahari.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
NOTICE N154/2006
 Notice is given in terms of Regulation 4(6) of the regulations published in Government Notice No. R.1183 under Section 26 of the Environment Conservation Act, 1989, (Act 73 of 1989) of the intent to carry out the following activity:
Proposed Activity: Proposed land use change from agricultural/undetermined to economic residential erven
Location: Portion of the Remainder of erf 1, Lemoendraal, UPINGTON
Name of proponent: //Khara Hals Municipality
Name of contact: MEG Omgewingsimpakstudies
 Private Bag X5879
 Postnet Suite 63
 UPINGTON
 8800
 Tel/Fax: 054 332 2781
 E-mail: megois@intekom.co.za
Date of advertisement: Gemsbok 22 September 2006
 In order to ensure that you are identified as an interested and/or affected party please submit your name, contact information, comments and interest in the matter, to the contact person given above, within 14 days of publication of this advertisement.

OMGEWINGSIMPAKSTUDIE KENNISGEWING K154/2006
 Kennis geskied in terme van Regulasie 4(6) van die regulasies soos gepubliseer in Staatskennisgewing Nr. R.1183 onder Afdeling 26 van die Wet op Omgewingsbewaring, 1989, (Wet 73 van 1989) van die voorneme vir die uitvoering van die volgende aktiwiteit:
Voorgestelde aktiwiteite: Voorgestelde grondgebruiksverandering van landbou/onbepaald na ekonomies residensiële erwe
Ligging: Gedeelte van die Restant van erf 1, Lemoendraal, UPINGTON
Aansoeker: Munisipaliteit //Khara Hals
Kontakpersoon: MEG Omgewingsimpakstudies
 Privaatsak X5879
 Postnet Suite 63
 UPINGTON
 8800
 Tel/Faks: 054 332 2781
 E-pos: megois@intekom.co.za
Datum van advertensie: Gemsbok 22 September 2006
 Ten einde te verseker dat u geïdentifiseer word as 'n belanghebbende party, moet u asseblief u naam, kontak inligting, kommentaar en belang by die aangeleentheid, aan die kontakpersoon soos verstrek, binne 14 dae na publikasie stuur.

KOTZE & MARITZ
RAM & OOI VEILING
DONDERDAG, 5 OKTOBER 2006 @ 10:00
PRIESKA SKOUGRONDE

	40 Dorperamme 100 Dorperooie 40 Witdorperamme 110 Witdorperooie
	10 Van Rooy ramme 40 Van Rooy ooie 20 Boerbokramme 30 Boerbokooie 10 Kalahari Red ramme 25 Kalahari Red ooie 15 Savanna ramme 25 Savanna ooie

NAVRAE:
 KOENIE KOTZE : 076 181 0710
 LOUIS VAN RENSBURG : 082 772 2594

GWK
BKB
OUW

AFSLAERS: BKB Report
 Postbus 384, Cradock, 5890
 Tel: 044 881 3114 E-g: 1412348 RLPA Reg nr 78 Wet 12/1992
 Voorwaardes: Streng konstant van bankgensekerings (ek by veiling, teny voor af andersins met Afslaaers geraak. Die reg word voorbehou om enige Ramme te oortrek.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
NOTICE N153/2006
 Notice is given in terms of Regulation 4(6) of the regulations published in Government Notice No. R.1183 under Section 26 of the Environment Conservation Act, 1989, (Act 73 of 1989) of the intent to carry out the following activity:
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Location: Portion of the Remainder of erf 1, UPINGTON
Name of proponent: //Khara Hals Municipality
Name of contact: MEG Omgewingsimpakstudies
 Private Bag X5879
 Postnet Suite 63
 UPINGTON
 8800
 Tel/Fax: 054 332 2781
 E-mail: megois@intekom.co.za
Date of advertisement: Gemsbok 22 September 2006
 In order to ensure that you are identified as an interested and/or affected party please submit your name, contact information, comments and interest in the matter, to the contact person given above, within 14 days of publication of this advertisement.

Kinders gaan ontpop in Kindertent

UPINGTON: Kom ontmoet die sagte, wri- leriige karaktertjies van SplashOut Promotions in die Kindertent wat gaan so vir 'n poppekas soos nog nooit in Upi- ton beleef nie.

Of dit nou die klein en op Saterdag bes; handpuppe of die le- die poppe reeds : wensgrootte kos- tumkarakters is, hier- die grootmond, mens en daarom w; handgemaakte mat- rialealpoppe sal kinders daar uitgereik na hele gemeensk Reeds vanaf Maan 18 September bes; gram is die buikspre- ker Mimi Meyer asook laerskole, Gordo Sarina Dönges met Hospitaal en Oe haar poppekas. Errol Vaardigheidontwikl Weideman is die drie- ing Sentrum met been-man wat saam Die Kindertent op met die dwergpersoon, kundige program Pixter, vir baie pret sal Die Kindertent sorg. Die kinders se ou waar daar speel-sy gunsteling, Brutus en sommer baie ge Budder, gaan ook weer word. Kindertent by M gesig wys in die Kindertent. kat-jolyt. Kindertent-vermaak Vir navrae, skake begin op Donderdag Kuierfees-kantoo en Vrydag (21 & 22 054 332 1100 of Sa Sep) om 14:00 tot 18:00 du Toit by 082 338 8

Kerkdienste elke Sondag

UPINGTON: Die Methodiste Kerk elke Sondag om 09:30 'n kerkdienste Die Methodiste Kerk is op die hoek van F en President Steynstraat. Vir meer inligting, skakel 054 332 2230.

DEPARTMENT OF PUBLIC WORKS
TENDERS CLOSING
18 October 2006
AT 11:00

CATEGORY A - R 50,00
 Non-Refundable

TENDER NUMBER	DESCRIPTION	CATEGORY	ENQUIRIES																								
LS 23/06	Interested parties are invited to offer suitable office accommodation in Upington for the Dept. of SAPS. The office accommodation should be situated near CBD area, and has to provide the following. Office accommodation: 107m ² . Condition of Building: B+ grade building Accessibility: Public/Disabled Parking bays: 2 Security: Ensure that the minimum security specifications applicable to the mandate of the SAPS are complied with. 80/20 preference points <table border="1"> <tr> <td>Preference:</td> <td>Price:</td> <td></td> <td></td> </tr> <tr> <td>HDI:</td> <td>12 points</td> <td>Price:</td> <td>60% (of 80)</td> </tr> <tr> <td>Women:</td> <td>6 points</td> <td>Quality/Functionality:</td> <td>40% (of 80)</td> </tr> <tr> <td>Disabled:</td> <td>2 points</td> <td></td> <td></td> </tr> <tr> <td>Other:</td> <td>0 points</td> <td></td> <td></td> </tr> <tr> <td>Total must equal:</td> <td>20 points</td> <td>Total must equal:</td> <td>100% (of 80)</td> </tr> </table> NB: A valid Tax Clearance Certificate is a responsive criteria. Bids without Tax Clearance Certificate will be non-responsive	Preference:	Price:			HDI:	12 points	Price:	60% (of 80)	Women:	6 points	Quality/Functionality:	40% (of 80)	Disabled:	2 points			Other:	0 points			Total must equal:	20 points	Total must equal:	100% (of 80)	A	Mr A Meyer 053 838 5272
Preference:	Price:																										
HDI:	12 points	Price:	60% (of 80)																								
Women:	6 points	Quality/Functionality:	40% (of 80)																								
Disabled:	2 points																										
Other:	0 points																										
Total must equal:	20 points	Total must equal:	100% (of 80)																								

Tender documents available from: Department of Public Works, Old Magistrates Office, 23 Market Square, KIMBERLEY, 8301, Room 29
 Contact Persons: Ms G Ayob/R.Khan Telephone No: 053 838 6324

**OMGEWINGSIMPAKSTUDIE
KENNISGEWING K152/2006**

Kennis geskied in terme van Regulasie 4(6) van die regulasies soos gepubliseer in Staatskennisgewing Nr. R.1183 onder Afdeling 26 van die Wet op Omgewingsbewaring, 1989, (Wet 73 van 1989) van die voorneme vir die uitvoering van die volgende aktiwiteit:

Voorgestelde aktiwiteite: Voorgestelde grondgebruiksverandering van landbou/onbepaald na sub-ekonomies residensiële erwe
Ligging: Gedeelte van perseel 956, KAROS
Aansoeker: NEDERSETTING Munisipaliteit //Khara Hals

Kontakpersoon: MEG Omgewingsimpakstudies
Privaatsak X5879
Postnet Suite 63
UPINGTON
8800

Tel/Faks: 054 332 2781
E-pos: megols@intekom.co.za

Datum van advertensie: Gemsbok 22 September 2006

Ten einde te verseker dat u geïdentifiseer word as 'n belanghebbende party, moet u asseblief u naam, kontak inligting, kommentaar en belang by die aangeleentheid, aan die kontakpersoon soos verstrekk, binne 14 dae na publikasie stuur.

**ENVIRONMENTAL IMPACT ASSESSMENT
PROCESS - NOTICE N151/2006**

Notice is given in terms of Regulation 4(6) of the regulations published in Government Notice No. R.1183 under Section 26 of the Environment Conservation Act, 1989, (Act 73 of 1989) of the intent to carry out the following activity:

Proposed Activity: Proposed land use change from agricultural/underutilized to sub-economic residential erven
Location: Portion of plot 788, Olyvenhoutsdrift Nedersetting, KALKSLOOT
Name of proponent: //Khara Hals Municipality

Name of contact: MEG Omgewingsimpakstudies
Private Bag X5879
Postnet Suite 63
UPINGTON
8800

Tel/Fax: 054 332 2781
E-mail: megols@intekom.co.za

Date of advertisement: Gemsbok 22 September 2006

In order to ensure that you are identified as an interested and/or affected party please submit your name, contact information, comments and interest in the matter, to the contact person given above, within 14 days of publication of this advertisement.

**Kalahari Kuierfees
20-23 September**

**Kom doen die
meerkat-loop
saam met
Poena**



**OMGEWINGSIMPAKSTUDIE
KENNISGEWING K151/2006**

Kennis geskied in terme van Regulasie 4(6) van die regulasies soos gepubliseer in Staatskennisgewing Nr. R.1183 onder Afdeling 26 van die Wet op Omgewingsbewaring, 1989, (Wet 73 van 1989) van die voorneme vir die uitvoering van die volgende aktiwiteit:

Voorgestelde aktiwiteite: Voorgestelde grondgebruiksverandering van landbou/onbepaald na sub-ekonomies residensiële erwe
Ligging: Gedeelte van die perseel 788, Olyvenhoutsdrift, KALKSLOOT
Aansoeker: Munisipaliteit //Khara Hals

Kontakpersoon: MEG Omgewingsimpakstudies
Privaatsak X5879
Postnet Suite 63
UPINGTON
8800

Tel/Faks: 054 332 2781
E-pos: megols@intekom.co.za

Datum van advertensie: Gemsbok 22 September 2006

Ten einde te verseker dat u geïdentifiseer word as 'n belanghebbende party, moet u asseblief u naam, kontak inligting, kommentaar en belang by die aangeleentheid, aan die kontakpersoon soos verstrekk, binne 14 dae na publikasie stuur.

**OMGEWINGSIMPAKSTUDIE
KENNISGEWING K153/2006**

Kennis geskied in terme van Regulasie 4(6) van die regulasies soos gepubliseer in Staatskennisgewing Nr. R.1183 onder Afdeling 26 van die Wet op Omgewingsbewaring, 1989, (Wet 73 van 1989) van die voorneme vir die uitvoering van die volgende aktiwiteit:

Voorgestelde aktiwiteite: Voorgestelde grondgebruiksverandering van landbou/onbepaald na ekonomies residensiële erwe
Ligging: Gedeelte van die Restant van erf 1, UPINGTON
Aansoeker: Munisipaliteit //Khara Hals

Kontakpersoon: MEG Omgewingsimpakstudies
Privaatsak X5879
Postnet Suite 63
UPINGTON
8800

Tel/Faks: 054 332 2781
E-pos: megols@intekom.co.za

Datum van advertensie: Gemsbok 22 September 2006

Ten einde te verseker dat u geïdentifiseer word as 'n belanghebbende party, moet u asseblief u naam, kontak inligting, kommentaar en belang by die aangeleentheid, aan die kontakpersoon soos verstrekk, binne 14 dae na publikasie stuur.

**OMGEWINGSIMPAKSTUDIE
KENNISGEWING K152/2006**

Kennis geskied in terme van Regulasie 4(6) van die regulasies soos gepubliseer in Staatskennisgewing Nr. R.1183 onder Afdeling 26 van die Wet op Omgewingsbewaring, 1989, (Wet 73 van 1989) van die voorneme vir die uitvoering van die volgende aktiwiteit:

Voorgestelde aktiwiteite: Voorgestelde grondgebruiksverandering van landbou/onbepaald na sub-ekonomies residensiële erwe
Ligging: Gedeelte van perseel 956, KAROS
Aansoeker: NEDERSETTING Munisipaliteit //Khara Hals

Kontakpersoon: MEG Omgewingsimpakstudies
Privaatsak X5879
Postnet Suite 63
UPINGTON
8800

Tel/Faks: 054 332 2781
E-pos: megols@intekom.co.za

Datum van advertensie: Gemsbok 22 September 2006

Ten einde te verseker dat u geïdentifiseer word as 'n belanghebbende party, moet u asseblief u naam, kontak inligting, kommentaar en belang by die aangeleentheid, aan die kontakpersoon soos verstrekk, binne 14 dae na publikasie stuur.

UPINGTON: Robbie Wessels sal nog lank as die singende "Poena" bekend wees.

Hy kombineer sy sang- en akteurstaal met sy ware menswees en die eindprodukt is 'n akselelaaiende vertoning.

Robbie, wat 'n erkende naelbyter is, wil nooit hoogmoedig wees nie. Visvang, springhase jag en kwaaijongstreke op die plaas is die dinge wat hy wil onthou. Boonop herleef hy sy sorglose kinderdae in die woorde van sy liedjies. Dis daai bekoorlike rasperstem en skaam-stout glimlag wat almal sal laat stroom na die Eilandverhoog as die "singende Poena" optree.

Kom geniet sy vertoning op Vrydagaand om 22:15.

Navrae: Kalahari Kuierfees-kantoor: 054 332 1100

**September is
tourismmonth**

UPINGTON: SOUTH AFRICAN TOURISM declared September as tourism month in South Africa to get all South Africans to travel and explore our beautiful country.

We as team Green Kalahari especially wants to invite the citizens of our region, province and country to explore this beautiful part of South Africa known as the Green Kalahari.

In order to sustain tourism product growth in the Siyanda Region, we should start to know and support our tourism products.

There's enormous potential within this sector and we would like to encourage entrepreneurs to become involve in this exciting business.

Tourism is one of the fastest growing industries in our country and a vehicle to promote Local Economic Development in order to enhance job creation and economic growth.

We would like to thank everyone involve in this sector who contribute to the development and marketing of our region of contrasts making it the most visited region within the province.

A special word of gratitude are going out to Gemsbok for yet another splendid annual Tourism Edition promoting local and regional tourism. Lastly we would like to encourage product owners to log on to the official website of the Northern Cape Tourism, www.northerncape.org.za, and communicate through information like events, special rates, new product development, etcetera.

This website has already been number one on most search engines on the internet. Visit our office for information regarding our region in Swartmodder Avenue, or call us on 054 337 2804/85/95.



Skakel
WIESA, ALETTA of HELOISE
vir advertensies in
DIE GEMSBOK
TEL: 054 332 6017



Heloise 076 7200 543
Aletta 082 774 9076
Wiesa 082 7899 270

**AUCTION
ALLIANCE**

VOLGRAAFSIG, GROBLERSHOOP
AGT BESPROEINGSEENHEDE, VOERTUIE, TREKKERS,
IMPLEMENTE, WYN- & SAPAANDELE

INSOLVENTE BOERDEL: JOHANNES HARMS DE WAAL (Meestersverw: K12/2006)

- ▼ **EENHEID 1: PERSEEL 307 & 1037** GROOT: 9,5013 ha
Grondbenutting: Sultanas • Colombar • wisselbou. Water: 9,4 ha ingelys.
- ▼ **EENHEID 2: PERSEEL 1362, 356, 359 & 1365** GROOT: 15,192 ha
Grondbenutting: Sultanas • Hanepoot • Colombar • wisselbou.
Water: 14,6 ha ingelys.
- ▼ **EENHEID 3: PERSEEL 362, 363, 1372 & 1375** GROOT: 27,501 ha
Grondbenutting: Sultanas • Hanepoot • Colombar • wisselbou • 49,50 ha onbewerkte grond. Water: 16 ha ingelys.
- ▼ **EENHEID 4: PERSEEL 346 & 1379** GROOT: 9,8861 ha
Grondbenutting: Hanepoot • wisselbou. Water: 9,6 ha ingelys.
- ▼ **EENHEID 5: PERSEEL 312, 2158 & 2159** GROOT: 8,1928 ha
Grondbenutting: 8 ha weiveld. Verbeterings: Woonhuis • buitgeboue • dam • rosmijnegrooktrake. Water: Geen inlysing.
- ▼ **EENHEID 6: PERSEEL 316** GROOT: 1,2848 ha
Verbeterings: Netjiese woning • motorradok • pakkamer • sinkstuur.
Water: Geen inlysing.
- ▼ **EENHEID 7: PERSEEL 318, 319 & 2153** GROOT: 15,538 ha
Grondbenutting: Overbeterde grond. Verbeterings: Stoortgaaibou.
Water: Geen inlysing.
- ▼ **EENHEID 8: PERSEEL 335 & 2137** GROOT: 12,06 ha
Grondbenutting: 12 ha weiveld. Verbeterings: Ou woning. Water: Geen inlysing.
'n Gulte geleentheid om baie goeie grond te bekom.
- ▼ **Voertuie:** 1988 Mazda 626 • 1975 Ford Granada Ghia • 1984 Toyota Hilux 2,2D • 1974 Toyota bakkie • 1983 Ford Bantam • Bedford vrugmotor • Mazda 2 ton-vrugmotor • Toyota 6000 vrugmotor (nie lopend). **Trekkers, ens.:** 3 Massey Ferguson trakkers • Massey Ferguson 284 viertrekkertrek • Massey Ferguson 65 • John Deere 2140 viertrekkertrek • International Harvester 533 • Massey Ferguson 550 stroper • Massey Ferguson 520 stroper (nie lopend) • antieke stroper • antieke mieledoranvoer • antieke Farmall trekke • Impaler mermie, ens. • 1 000 L-waagierpum • hidrouliese 16 skietstang • springkranter • boomsideler • afkaplar • Slattery grondboontjieop • baalvoier • 10 ton-sleepwa • Sometca 4 kol-lusemyster • hoeweheid ploeg • langdorsstrop • 3 stropers • 2 domstroppe • scoolem & looiraal vir John Deere trekke • Massey Ferguson boier • Negal mieledoranvoer • hommerdel • kunsmisstroper • waspomp • toui plukstels • ens. **Aandele:** 110 ton OWK aandele • 100 ton sapaandele.
'n Baie groot verskeidenheid implemente en losgoed. Te veel om te lys.
VOORWAARDES: Vaste Eiensom - R10 000 terugbetaalbare registrasiefees per teik. Los Loois - R2 000 terugbetaalbare deposito. Geen kontant sal oorsuur word nief Postlewa identiteitsdokument (ID) veras vóór registrasie.

© WILLIE VAN RENSBURG; 083 261 7641 of
ERIC SWENSON; 082 492 4460

**EG COOPER
PROKUREURS**

DINSDAG 3 OKTOBER OM 11 vm
BESIGTING: MAANDAG 2 OKTOBER, 10 vm - 4 nm

(021) 872 6533 • www.auctionalliance.com

Annexure 2

8 = 200erwe.

AANLIGGEND OU KEIMOESWEG

<u>ERF 5421</u> Mnr NJ Coetzee Posbus 1369 Upington 8800	<u>ERF 5422</u> Mnr JJ Strauss Puntstraat 4 Upington 8801
<u>ERF 5425</u> Mnr J Orange Puntstraat 10 Upington 8801	<u>ERF 5423</u> Mej MC Sulliman Puntstraat 6 Upington 8801
<u>ERF 5424</u> Mnr HC Goeieman Posbus 7030 Oranjekruin 8807	<u>ERF 5426</u> Mev J van Wyk Puntstraat 12 Upington 8801
<u>ERF 5427</u> Mnr F Isaacs Puntstraat 14 Upington 8801	<u>ERF 2711</u> Mnr V Jansen Posbus 7015 Oranjekruin 8807
<u>ERF 2712</u> Mnr F Beukes Mozardstraat 102 Upington 8801	<u>ERF 2713</u> Mnr J Isaacs Mozardstraat 100 Upington 8801
<u>ERF 2714</u> Mnr WC Diergaardt Posbus 7181 Oranjekruin 8807	<u>ERF 2715</u> Mev EH Mouton Keimoeweg 96 Upington 8801
<u>ERF 2716</u> Mnr JR Mouton Mozardstraat 94 Upington 8801	<u>ERF 2717</u> Mnr T Boer Keimoeweg 92 Upington 8801

<p><u>ERF 2971</u></p> <p>Mnr F White P/a J Blom Botterblomstraat 12 Upington 8801</p>	<p><u>ERF 2736</u></p> <p>Mnr MJ Jansen Posbus 7171 Oranjekruin 8807</p>
<p><u>ERF 2737</u></p> <p>Mnr SS Theron Mozardstraat 82 Upington 8801</p>	<p><u>ERF 2738</u></p> <p>Mnr FS Mouton Posbus 7167 Oranjekruin 8807</p>
<p><u>ERF 2739</u></p> <p>Mnr MS Mokele Mozardstraat 82 Upington 8801</p>	<p><u>ERF 2747</u></p> <p>Mnr LC Feris Mozardstraat 80 Upington 8801</p>
<p><u>ERF 2748</u></p> <p>Mej CLC Dick Mozardstraat 78 Upington 8801</p>	<p><u>ERF 2749</u></p> <p>Mev AK du Plessis Posbus 2482 Upington 8800</p>
<p><u>ERF 2750</u></p> <p>Mnr WK Strauss Mozardstraat 74 Upington 8801</p>	<p><u>ERF 2751</u></p> <p>Mej AM van Wyk Mozardstraat 72 Upington 8801</p>
<p><u>ERF 2752</u></p> <p>Mnr AF du Plessis Mozardstraat 70 Upington 8801</p>	<p><u>ERF 12730</u></p> <p>Mnr FE Mouton Keimoesweg 66 Upington 8801</p>
<p><u>ERF 12729</u></p> <p>Mnr J Kunzi Mozardstraat 69 Upington 8801</p>	<p><u>ERF 12752</u></p> <p>Moria Gemeente Vooruitsigstraat 229 Upington 8801</p>

<u>ERF 12754</u> Mev J Oranje Keimoesweg 119 Upington 8801	<u>ERF 12755 & 12756</u> Mnr LC Titus Keimoesweg 123 Upington 8801
<u>ERF 12757</u> Mej CM Murphy Keimoesweg 125 Upington 8801	<u>ERF 12758</u> Mnr AD Kasper Posbus 829 Upington 8801
<u>ERF 12759</u> Mnr NB Strauss Keimoesweg 129 Upington 8801	<u>ERF 12760</u> Mev Z van Wyk Posbus 7021 Oranjekruin 8807

Annexure 3

KENNISGEWING

Ek/Oms. Nev. L. Feris
eienaar/bestuurder/voorsitter van die plot/plaas/erf 2747
..... bevestig hiermee dat ek/ons in kennis gestel is van
die voorgestelde grondgebruiksverandering vir die ontwikkeling van residensiële doeleindes,
Gedeelte van die restant van erf 1, UPINGTON, soos beplan.

Dui aan watter opsie is van toepassing(X):

Geen beswaar

Kommentaar as volg:

Ek het geen besware teen enige ontwikkeling nie, mits
dit selfbou huise is, en wat nie bestaande huise se
waardes sal laat daal nie.

L. Feris 05-10-06 054-3390546
Handtekening Datum Telefoon Faks

Stuur asseblief die voltooid vorm terug so gou moontlik

BAIE DANKIE!!

KENNISGEWING

Ek/Ons Anna Katriena du Plessis
eienaar/bestuurder/voorsitter van die plot/plaas/erf

..... bevestig hiermee dat ek/ons in kennis gestel is van
die voorgestelde grondgebruiksverandering vir die ontwikkeling van residensiële doeleindes,
Gedeelte van die restant van erf 1, UPINGTON, soos beplan.

Dui aan watter opsie is van toepassing(X):

Geen beswaar

Kommentaar as volg:

Die grootte van die erwe moet
aangepas by bestaande erwe in
die gebied, asook die gehalte
van die woonhuise.

AK du Plessis 2006/10/13 Tel: 054-90292231
0866138033
Handtekening Datum Telefoon Faks

Stuur asseblief die voltooidde vorm terug so gou moontlik

BAIE DANKIE!!

KENNISGEWING

Ek/Ons Franciscus S. Mouton
eienaar/bestaander/voorsitter van die plot/plaas/erf Erf No. 2138, Uithreiding 12
Mozardstraat 84, Uppington, bevestig hiermee dat ek/ons in kennis gestel is van
die voorgestelde grondgebruiksverandering vir die ontwikkeling van residensiële doeleindes,
Gedeelte van die restant van erf 1, UPINGTON, soos beplan.

Dui aan watter opsie is van toepassing(X):

Geen beswaar

Kommentaar as volg:

Residensiële ontwikkeling is aanvaarbaar op die
volgende voorwaardes:

- (i) Dat die behuising nie sub-ekonomies moet wees nie; ± 200
huise op terrein is aanvaarbaar;
- (ii) Dat die grootte van, en die waarde van die oorspronklike behuising
gelykstaande aan die van omgewing sal wees soos huidige
waardes nie negatief geïmpakteer word nie;
- (iii) Dat, indien struktureel nie oorbelast word nie;
- (iv) Dat die regimies vir oortspanning en voorkoming van kongestie is belangrik.
- (v) Dat ontwikkeling/Uithreiding word langs Londenweg, Londenstraat
is aanvaarbaar. Die estetiese aspek van
ontwikkeling is kardiniaal.

Mouton
Handtekening

28.09.2006

Datum

054 3390111

Telefoon

054 3390918

Faks

Stuur asseblief die voltooide vorm terug so gou moontlik

BAIE DANKIE!!

KENNISGEWING

Ek/Ons Anna Katrina du Plessis
eienaar/bestuurder/voorsitter van die plot/plaas/erf

..... bevestig hiermee dat ek/ons in kennis gestel is van
die voorgestelde grondgebruiksverandering vir die ontwikkeling van residensiële doeleindes,
Gedeelte van die rant van erf 1, URINGTON, 5555 beplan.

Dui aan watter opsie is van toepassing(X):

- Geen beswaar

Kommentaar as volg:

Die grootte van die erwe moet
aanpas by bestaande erwe in
die gebied, asook die gedalte
van die woonhuise.

Tel: 054-90292231

AK du Plessis 2006/10/13

..... 0866138033

Handtekening

Datum

Telefoon

Faks

Stuur asseblief die voltooide vorm terug so gou moontlik

BAIE DANKIE!!

KENNISGEWING

Ek/Ons Johannes M. Nel
eienaar/bestuurder/voorsitter van die plot/plaas/erf 3769 / 18832 / 15734 /
17559 bevestig hiermee dat ek/ons in kennis gestel is van
die voorgestelde grondgebruiksverandering vir die ontwikkeling van residensiële doeleindes,
Gedeelte van die restant van erf 1, Laboria, UPINGTON, soos beplan.

Dui aan watter opsie is van toepassing(X):

- Geen beswaar
- Kommentaar as volg:

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

[Handtekening] 4/10/06 0824924755 054-3326814
Handtekening Datum Telefoon Faks

Stuur asseblief die voltooide vorm terug so gou moontlik

BAIE DANKIE!!

KENNISGEWING

Ek/Oms Mej. C.L.C. Dick
eienaar/bestuurder/voorsitter van die plot/plaas/erf

..... bevestig hiermee dat ek/ons in kennis gestel is van
die voorgestelde grondgebruiksverandering vir die ontwikkeling van residensiële doeleindes,
Gedeelte van die restant van erf 1, UPINGTON, soos beplan.

Dui aan watter opsie is van toepassing(X):

- Geen beswaar
- Kommentaar as volg:

.....
Die bou van subekonomiese huise is vir my on-
aanvaarbaar. Soos jy op ry met Trekstraat tot in
die hoofweg nl. Keimoesweg, aan jou regterkant is
self bou huise wat in versiering is vir ons woonbuurt is.
Waarom dan minderwaardige huise aan die linker-
kant bou. Dit sal mas ons erf/huis waarde
laat daal. Waarom dit doen. Ons het vir lange
jare aan een erf belasting betaal omdat dit in
spogbuurt was. Hierdie nuwe beplanning is onaan-
vaarbaar.

CLC Dick

01.10.06.

Handtekening

Datum

Telefoon

Faks

Stuur asseblief die voltooide vorm terug so gou moontlik

BAIE DANKIE!!

Annexure 4



Burgersentrum / Civic Centre Markstraat / Market Street

Privaatsak X6003 Private Bag Upington 8800

☎ 054 332 5911 🖨 054 332 1762

www.kharahais.gov.za
E-pos / E-mail: manager@kharahais.gov.za

Verwysing / Reference

Erf 5498; Erf 1 & Erf 308

Munisipaliteit - Municipality

//Khara Hais

Navrae / Enquiries

CW GELDENHUYS
X2181

MEG Environmental Consultants
Private Bag X5879
Suite 63
Upington
8800

8 November 2006

ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED DEVELOPMENT OF ECONOMIC RESIDENTIAL ERVEN ON A PORTION OF ERF 1 (OLD KEIMOSROAD) ERF 5498 AND A PORTION OF ERF 308: UPINGTON.

The inputs received on the proposed developments at the abovementioned properties refers.

As can be seen from the inputs received, none of the residents have any objections against the proposed developments. The only concerns raised was that the proposed residential developments should not include any low-cost housing or informal housing projects, as they are of the opinion that this type of development will impact negatively on their property value.

This concern raised by the adjacent landowners has been addressed by this Council through its approved Spatial Development Strategy as well as a formal Council resolution, stating that these areas will exclusively be developed for formal economic residential properties, similar to the adjacent properties in the area.

I hope you find this in order.

Kind Regards

C.W. GELDENHUYS
HEAD TOWN PLANNING AND BUILDING CONTROL.

Annexure 5

**PHASE 1 HERITAGE IMPACT ASSESSMENT REPORT ON A
PLANNED TOWNSHIP EXTENSION FLANKING KEIMoesWEG,
//KHARA Hais MUNICIPALITY, NORTHERN CAPE PROVINCE.**

Peter B Beaumont

c/o Archaeology Department
McGregor Museum
PO Box 316
8300 Kimberley
Tel 053 - 842 0986 or 053 - 839 2700
Fax 053 - 842 1433
e-mail se@museumsnc.co.za

CONSULTANT

Ms Marquerite Geldenhuys
MEG Environmental Impact Studies

Tweedelaan 13
Oosterville
8801 Upington
Tel 054 - 332 2781
Fax 054 - 332 2781
e-mail meqois@intekom.co.za

18 August 2006

EXECUTIVE SUMMARY

The purpose of this study was to establish if any heritage sites were present on a proposed urban development area flanking Keimoesweg, //Khara Hais Municipality, Northern Cape. Within this 12.7 ha terrain Precambrian schists were covered by calcrete, overlain in turn by a discontinuous zone of rounded pebbles in a matrix of beige sand. In this I found a very sparse artefact scatter, but saw no actual sites, fossil bones or early graves were seen. It is consequently considered that this ground has no significant heritage potential and that its development will have no impact on the archaeological resources of the Northern Cape.

BACKGROUND INFORMATION

Upington is a thriving city with a burgeoning population and a resultant huge demand for housing. This study was requested by M Geldenhuys of MEG Environmental Impact Studies, acting in conjunction with Macroplan Town and Regional Planners based there.

LOCAL ARCHAEOLOGY

Rather few sites are known in the near vicinity of Upington, with one of these being the recently - located Victoria West occurrence on the farm Droogehout 422, about 30 km WNW of it, on the N 10 to Nakop.

PROPERTY DESCRIPTION

The 12.7 ha area that was examined lies immediately south of Keimoesweg, some 2 km west of the Upington town centre and 1 km north of the Orange River (Figs 1 & 2). It was sparsely covered by grass and low shrubs, was fairly flat, and had a small road gravel quarry on its NW side, facing the main road (Fig 3). I spent some 50 minutes walking over its full extent, which has western edge co-ordinates of 28° 28' 5" S, 21° 13' 0.3" E, and an elevation of 810 m, on Tuesday 1 August 2006.

SUPERFICIAL GEOLOGY

The sediment sequence was seen to be bedrock of Precambrian schist, overlain, in the roadside quarry, by over 2 m of calcrete, on which were scattered pebbles – small cobbles, mainly of brown jasper, in a matrix of gritty beige sand. As the river – abraded clasts are some 30 m above the Orange River, these are tentatively taken to be remnants of the Older Gravels.

HERITAGE FINDINGS

My random search of the property produced three fresh undiagnostic flakes and an abraded core that is possibly of ESA ascription, but no actual sites, palaeontological bones or early graves were seen.

CONCLUSIONS

The investigated terrain was bereft of any significant heritage material and its use for housing will therefore have no impact on the archaeological resources of the Northern Cape.

NOTES

- A copy of the locality maps and all appended Figures must accompany this report to SAHRA.

- Applications to SAHRA will not be processed unless accompanied by payment of R150 per application. SAHRA banking details are: ABSA, Branch Code: 312109; Current Account no.: 360 680 606.

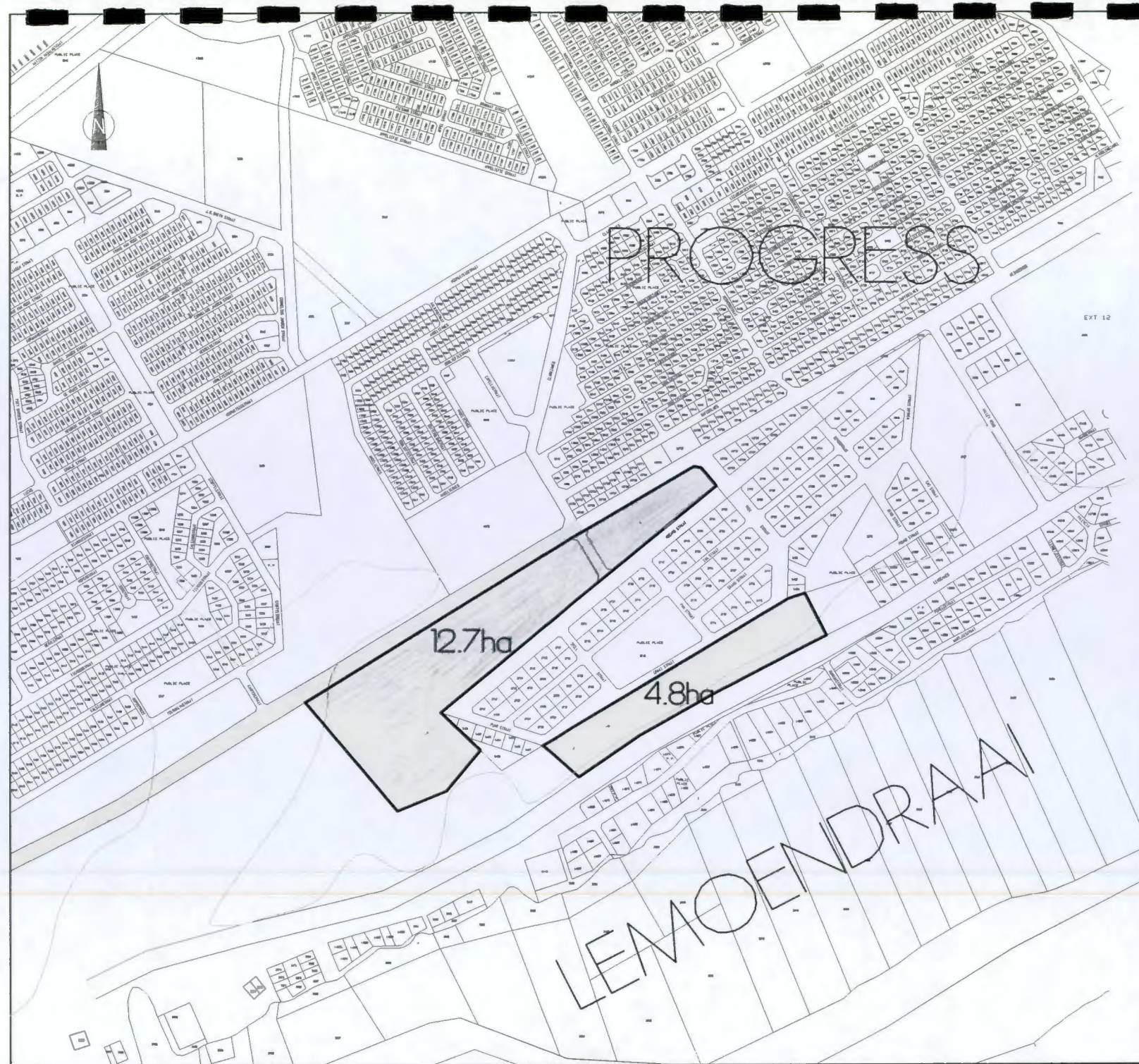


FIG. 1.


2821 AC UPINGTON.

Printed by the Government Printer, Private Bag X85, Pretoria
 Gedruk deur die Staatsdrukker, Privatebag X85, Pretoria

FIG 2



Figur 2
Liggingsplan - Plaaslik

Aansoekgebied 

MACROPLAN
Stads- & Streekbeplanners
Town & Regional Planners



Posbus 987
Upton
8800
Tel: 054 - 332 3642

Spatial Designs
Land Use Specialists



GOBETLA

PLAN No.:

U/KH/KW/02

SKAAL 110 000	SCALE	ONTWERP DESIGNED	Len Fourie
		BETEKEN DRAWN	Thys Neels
DATUM DATE	June 2006	HAESTER CHECKED	

11



FIG 3

Annexure 6



DEPARTEMENT VAN WATERWESE EN BOSBOU
DEPARTMENT OF WATER AFFAIRS AND FORESTRY
REPUBLIEK VAN SUID-AFRIKA / REPUBLIC OF SOUTH AFRICA

9



DW 1

RESIDENSIEGEBOU / BUILDING, SCHOEMANSTRAAT 185 SCHOEMAN STREET

Fax: (012) 326-1780
(012) 323-4472
Telegram: DAMWATER

Privaatsak X313
Private Bag
Pretoria
0001

Navrae: J. Jolly
Enquiries: (021) 457 025
Verwysing: B33/2/442/1/S
Reference: ←

0

PERMITNOMMER: B33/2/442/1/P68
TIPE: KLAS 2
AFVALSTORTTERREIN: DIE DUINE
LIGGING: GEDEELTE VAN KAMP K3/325 VAN UPINGTON
DORPSGRONDE (ERF 1), DISTRIK UPINGTON.
PERMITHOUER: STADSRAAD VAN UPINGTON
ADRES: PRIVAATSAK X6003, UPINGTON, 8800.

PERMIT KRAGTENS ARTIKEL 20 VAN DIE WET OP OMGEWINGSBEWARING, 1989 (WET 73 VAN 1989)

Kragtens die bevoegdheid aan my gedelegeer deur die Minister van Omgewingsake en van Waterwese (hierin na verwys as "die Minister"), verleen ek, Wouter van der Merwe, in my hoedanigheid van Bestuurder: Wetenskaplike Dienste van die Departement van Waterwese en Bosbou (hierna genoem "die Departement"), hiermee, kragtens artikel 20 (1) van die Wet op Omgewingsbewing, 1989 (Wet 73 van 1989), toestemming aan die Stadsraad van Upington vir die bedryf en verdere ontwikkeling van die Duine-afvalstortterrein, onderworpe aan die voorwaardes wat in hierdie Permit uiteengesit is.

PERMITVOORWAARDES

In hierdie Permit beteken "Streekdirekteur" die Streekdirekteur: Wes-Kaap van die Departement, wat by die volgende adres geskakel kan word:

Streekdirekteur: Wes-Kaap
Departement van Waterwese en Bosbou
Privaatsak X9075
KAAPSTAD
8000

1. LIGGING

Hierdie Permit magtig die vestiging, bedryf en verdere ontwikkeling van 'n afvalstortterrein op 'n gedeelte van Kamp K3/325 Upington dorpsgronde (Erf 1), Distrik Upington (hierna genoem "die Terrein") in ooreenstemming met die verslag 36/92 deur K.O. Murphy van Watertek in Stellenbosch, gedateer November 1992 (hierna genoem "die Verslag"), voorgelê deur

die Permithouer. Die grense van die Terrein sal wees soos aangedui op plan nommer UM - 2 gedateer November 1992, voorgelê deur die Permithouer.

2. TOELAATBARE AFVAL

2.1 Die Terrein mag gebruik word vir die storting van alle tipes afval met uitsondering van afval gelys in Aanhangsel I en afval waaroor spesifieke beheer uitgeoefen word kragtens die Wet op Kernenergie, 1982 (Wet 92 van 1982). Afvaltipes waaroor beheer uitgeoefen word kragtens die Minerale Wet, 1991 (Wet 50 van 1991) en die Elektrisiteitswet, 1987 (Wet 41 van 1987) is ook uitgesluit van storting op die Terrein, behalwe waar skriftelike toestemming daarvoor deur die Streekdirekteur verleen is.

2.2 Die Permithouer moet alle redelike stappe doen om te verseker dat -

2.2.1 geen mediese afval op die Terrein gestort word nie, tensy dit vooraf teen 800°C of hoër vir ten minste 1 sekonde verbrand is; en

2.2.2 geen geskeduleerde farmaseutiese produkte kragtens die Wet op die Beheer van Medisyne en Verwante Stowwe, 1965 (Wet 101 van 1965) of geassosieerde houers op die Terrein gestort word nie.

3. KONSTRUKSIE

3.1 Die Terrein of enige gedeelte daarvan mag uitsluitlik vir die storting van toelaatbare afval gebruik word indien die konstruksie of verdere ontwikkeling van die Terrein of enige sodanige gedeelte in ooreenstemming met voorwaarde 3 van hierdie Permit geskied.

3.2 Die konstruksie en verdere ontwikkeling van die Terrein moet volgens die goedgekeurde Verslag gedoen word.

3.3 Die konstruksie en verdere ontwikkeling van die Terrein moet plaasvind onder die toesig van 'n voldoende gekwalifiseerde persoon soos deur die Permithouer voorgestel en deur die Streekdirekteur goedgekeur is.

3.4 Na konstruksie van die Terrein moet die Permithouer die Streekdirekteur in kennis stel voordat enige afval op die Terrein gestort mag word. Die Terrein sal deur 'n beampete van die Departement en die persoon na wie verwys word in voorwaarde 3.3 geïnspekteer word. Indien die Streekdirekteur tevrede is met die konstruksie van die Terrein en skriftelike toestemming verleen het, mag die Permithouer die Terrein vir die storting van afval gebruik.

- 3.5 Die Permithouer moet alle redelike maatreëls tref, soos byvoorbeeld geskikte sonering of die verkryging van skriftelike toestemming van die huidige grondeienaars, om 'n buffersone van 800 meter tussen die Terrein en die naaste woon- en/of ligte nywerheidsgebied te vestig en in stand te hou gedurende die bedryf van die Terrein. Swaar nywerhede of nywerhede wat self 'n oorlas mag veroorsaak, kan kragtens toepaslike wetgewing in die buffersone toegelaat word.
- 3.6 Werke moet deur die Permithouer opgerig en gereeld in stand gehou word om alle afloopwater wat aanliggend tot die Terrein kan ontstaan en wat verag kan word as gevolg van die beraamde maksimum reënval wat gedurende 'n tydperk van 24 uur mag voorkom met 'n gemiddelde frekwensie van een in vyftig jaar (hierna genoem die "beraamde maksimum reënval"), van die Terrein weg te keer en op 'n wettige manier af te voer. Onder die genoemde maksimum reënval moet die werke 'n minimum vryboord van 'n halwe meter handhaaf.
- 3.7 Werke moet deur die Permithouer opgerig en gereeld in stand gehou word om alle afloopwater wat op die Terrein kan ontstaan en wat as gevolg van die beraamde maksimum reënval verag kan word, van die werkfront van die Terrein weg te keer en af te voer en te verhoed dat die afloopwater met loog in aanraking kom. Onder die genoemde maksimum reënval moet die werke 'n minimum vryboord van 'n halwe meter handhaaf.
- 3.8 Afloopwater waarna in voorwaarde 3.7 verwys word, moet voldoen aan die gehaltevereistes van die Algemene Standaard, soos voorgeskryf ingevolge artikel 21(1)(a) van die Waterwet, 1956 (Wet 54 van 1956) soos gepubliseer in Algemene Kennisgewing 991 van 18 Mei 1984 of vereistes wat van tyd tot tyd deur die Minister vasgestel mag word en moet op 'n wettige manier afgevoer word.
- 3.9 Afloopwater waarna in voorwaarde 3.7 verwys word, wat nie aan die gehaltevereistes in voorwaarde 3.8 voldoen nie, asook alle loog, moet deur middel van werke wat deur die Permithouer opgerig is en deurlopend deur hom in stand gehou word -
- 3.9.1 in enige gerieflike riool afgevoer word indien dit aanvaarbaar is vir die verantwoordelike owerheid in beheer van die riool; en/of
- 3.9.2 behandel word om aan bogenoemde standaard te voldoen en op 'n wettige manier afgevoer word; en/of,
- 3.9.3 met die skriftelike toestemming van die Streekdirekteur -
- 3.9.3.1 opgevang en behou word vir verdamping in verdampingspanne; en/of
- 3.9.3.2 verdamp word deur besproeiing slegs op die gedeeltes van die Terrein wat voldoen aan vereistes in permitvoorwaarde 3.1 gestel.

3.10

Werke wat aan voorwaarde 3.9 voldoen, moet genoeg kapasiteit hê om die hoeveelheid loog, wat as gevolg van die beraamde maksimum reënval verwag kan word, te kan hanteer. Onder die genoemde maksimum reënval moet die werke 'n minimum vryboord van 'n halwe meter handhaaf.

3.11

Die Terrein moet ooreenkomstig erkende siviele ingenieurspraktyk opgerig word om die stabiliteit daarvan te verseker.

3.12

Die maksimum hoogte van die Terrein bokant grondvlak mag nie 12 meter oorskry nie.

3.13

Die helling van die Terrein moet ontwikkel word sodat weinig of geen erosie plaasvind nie.

3.14

Die Permithouer moet voorsiening maak vir toereikende sanitasiegeriewe op die Terrein.

4.

TOEGANGSBEHEER

4.1

Weerbestande, duursame en duidelik leesbare kennisgewings, in albei amptelike tale, moet by elke toegangspunt tot die Terrein aangebring word. Hierdie kennisgewings moet ongemagtigde toegang verbied en moet die bedryfsure, die naam, adres en telefoonnommer van die Permithouer en van die persoon in beheer van die Terrein aantoon.

4.2

Die Terrein moet doeltreffend omhein word met 'n heining van ten minste 1,8 meter hoog en hekke by toegangspunte met dieselfde hoogte ten einde ongemagtigde toegang redelikerwys te voorkom en die rondwaai van papiere en plastiek te beperk.

4.3

Die Permithouer moet alle redelike stappe doen om dienspaaie in 'n toestand te onderhou wat onbelemmerde toegang tot die Terrein sal verseker vir voertuie wat afval vervoer en om paaie van afval skoon te hou.

4.4

Die Permithouer moet verseker dat alle toegangspunte gedurende bedryfsure beman en na ure gesluit word.

4.5

Die Permithouer moet doeltreffende toegangsbeheer toepas.

4.6

Die Permithouer moet alle redelike stappe doen om te verseker dat slegs toelaatbare afval waarna in permitvoorwaarde 2 verwys word, op die Terrein gestort word.

5.

BEDRYF

5.1

Alle afval wat op die Terrein gestort is, moet aan die einde van elke werksdag gekompakteer en met 'n laag grond (of ander materiaal wat deur die Streekdirekteur goedgekeur is) van ten minste 150 millimeter dik bedek word.

- 5.2 Die Permithouer moet alle redelike maatreëls tref om te verseker dat die Terrein so bedryf word dat geen oorlas of gesondheidsgevaare ontstaan nie.
- 5.3 Die Permithouer moet verskuifbare heinings gebruik om afval wat deur die wind versprei word, te beheer.
- 5.4 Die Permithouer moet voldoende stofbeheermaatreëls toepas om oorlastoestande en gesondheidsgevaare wat veroorsaak kan word deur stof wat deur die wind versprei word, te voorkom.
- 5.5 Afval wat op die Terrein gestort is, mag nie herwin word nie.
- 5.6 Die Permithouer moet voldoende maatreëls tot die tevredenheid van die Streekdirekteur tref vir die ventilasie of beheer van metaangas wat in die Terrein ontstaan, om sodoende die opbou van 'n gevaarlike konsentrasie te verhoed. Die konsentrasie van metaangas vanaf die Terrein mag nie 1% per volume oorskry nie en die koolstofdioksiedkonsentrasie mag nie 0,5% per volume oorskry nie. Hierdie konsentrasies moet bepaal word deur metings wat gedoen word by die grens van die Terrein, binne 20 millimeter vanaf die natuurlike grondvlak.

6. MONITERING

- 6.1 'n Boorgatmoniteringstelsel vir die Terrein moet in ooreenstemming met die Verslag deur die Permithouer tot die tevredenheid van die Streekdirekteur ingestel en in stand gehou word sodat monsters, soos in die Permit vereis, ongehinderd geneem kan word.
- 6.2 Moniteringsboorgate moet voorsien word van 'n sluitbare deksel. Die Departement behou die reg voor om te eniger tyd monsters te neem en te analiseer of te laat analiseer.
- 6.3 Oppervlakwatermonitering moet vir alle stormwaterafloop op en aanliggend tot die Terrein uitgevoer word op plekke wat in oorleg met die Streekdirekteur bepaal is en teen 'n frekwensie soos deur die Streekdirekteur bepaal.
- 6.4 Behandelde loog, wat in 'n waterbron gestort word, moet gemonitor word en die standarde, parameters en monsternemingsfrekwensie sal wees soos bepaal en van tyd tot tyd deur die Bestuurder: Wetenskaplike Dienste aangepas.
- 6.5 Agtergrondmonitering

Monsters verkry vanaf 'n boorgat, waar die grondwater in die boorgat by 'n verwagte hoër hidrouliese drukvlak geleë is as die hidrouliese drukvlak van die grondwater onder die Terrein, word as agtergrondmonitering beskou. Agtergrondmonitering vir grondwater moet tydens elke moniteringsgeleentheid kragtens voorwaardes 6.6, 6.7 of 6.8 uitgevoer word vir die watergehalteveranderlikes soos in Aanhangsel II gelys.

6.6

Waarnemingsmonitering

Monitering moet binne 3 dae vanaf 15 Januarie en 15 Julie elke jaar uitgevoer word vir die watergehalteveranderlikes gelys in paragraaf (a) van Aanhangsel III en jaarliks binne 3 dae vanaf 15 Julie vir die veranderlikes in paragraaf (b) van Aanhangsel III.

6.7

Ondersoekingsmonitering

Indien, na die mening van die Streekdirekteur, 'n watergehalteveranderlike, wat onder die waarnemingsmoniteringsprogram (voorwaarde 6.6) gelys is, 'n stygende tendens toon, moet die Permithouer met 'n maandelikse moniteringsprogram vir die watergehalteveranderlikes gelys in Aanhangsel II begin.

6.8

Monitering na sluiting

Grondwatermonitering deur die Permithouer, in ooreenstemming met voorwaarde 6.6 of 6.7, moet onmiddellik na sluiting van die Terrein 'n aanvang neem en vir 'n tydperk van 30 jaar volgehou word, of vir 'n korter tydperk soos deur die Streekdirekteur bepaal.

6.9

Verdere monitering

Die Permithouer moet rekord hou van alle inligting waarna in Aanhangsel IV verwys word en dit jaarliks updateer.

7.

METODES VAN ANALISE

7.1

Die Permithouer moet alle toetse uitvoer ooreenkomstig die metodes voorgeskryf deur en verkrygbaar by die Suid-Afrikaanse Buro vir Standaarde (SABS), vermeld in die Wet op Standaarde, 1982, (Wet 30 van 1982), om die monsters te ontleed wat geneem is tydens die moniteringsprogramme, voorgeskryf in voorwaarde 6.

7.2

Die Permithouer mag slegs van ander metodes van analise gebruik maak indien daar skriftelike bewys aan die Streekdirekteur gelewer word dat die metode ekwivalent is aan die SABS-metode.

8.

NOTERING

Die Permithouer moet alle boorgatdata en chemiese analises in die formaat soos beskryf in Aanhangsel V, noteer.

9.

VERSLAGDOENING

9.1

Die inligting soos ingevolge voorwaardes 6.1 tot 6.8 vereis, moet aan die Streekdirekteur gestuur word binne 'n tydperk van 30 dae nadat die analises van die genoemde monsters

gedoen is. Die inligting soos ingevolge voorwaarde 6.9 vereis, moet binne een jaar ná die datum van uitreiking van hierdie Permit aan die Streekdirekteur gestuur word en jaarliks daarna.

10. FINALE REHABILITASIE EN SLUITING VAN DIE TERREIN

- 10.1 Die Permithouer moet ten minste 60 dae voor die beoogde sluiting van die Terrein, die Streekdirekteur per geregistreeerde pos in kennis stel van die beoogde sluiting en finale, opgedateerde rehabilitasieplanne vir sy goedkeuring indien.
- 10.2 Onmiddellik nadat werksaamhede by die Terrein gestaak is met die doel om die Terrein te sluit, moet die oppervlak van die Terrein bedek word sodat -
- 10.2.1 geen poelvorming as gevolg van reën kan plaasvind nie;
- 10.2.2 die vrye oppervlakafloop van reënwater verseker word; en
- 10.2.3 geen voorwerpe of materiale op die Terrein voorkom wat die rehabilitasie daarvan kan belemmer nie.
- 10.3 Die Permithouer moet die Terrein ooreenkomstig die Verslag en tot die tevredenheid van die Streekdirekteur rehabiliteer.

11. VERHURING EN VERVREEMDING VAN DIE TERREIN

Indien die Permithouer die Terrein aan 'n ander persoon wil verhuur of vervreem, moet die Streekdirekteur ten minste 60 dae voor sodanige transaksie daarvan in kennis gestel word.

12. ALGEMEEN

- 12.1 Hierdie Permit is nie oordraagbaar sonder die skriftelike toestemming van die Minister nie en dan slegs onderworpe aan die voorwaardes wat hy mag stel.
- 12.2 Hierdie Permit moet nie op so 'n wyse vertolk word dat dit vrystelling verleen van voldoening aan die bepalings van die Wet op Gesondheid, 1977 (Wet 63 van 1977) of die Waterwet, 1956 (Wet 54 van 1956) of enige ander toepaslike wet, ordonnansie, regulasie of verordening nie.

[Handwritten signature]

BESTUURDER: WETENSKAPLIKE DIENSTE
p.p. MINISTER VAN OMGEWINGSAKE EN VAN WATERWESE

DATUM: 1993. 05. 10

AANHANGSEL ILYS VAN GEVAARLIKE EN TOKSIESE STOWWE WAT SLEGS OP 'N KLAS 1 TERREIN
GESTORT MAG WORD

Sure en Alkalië
Antimoon en antimoonverbindings
Arseenverbindings
Asbes (stowwerige asbes en los vesels)
Bariumverbindings
Berillium en berilliumverbindings
Biododers en fitofarmaseutiese stowwe
Boorverbindings
Kadmium and kadmiümverbindings
Chroomverbindings
Koperverbindings
Gevaarhoudende heterosikliese organiese verbindings bevattende suurstof, stikstof
of swael
Gevaarhoudende suurstof-, stikstof- en swaelverbindings van koolwaterstowwe
Anorganiese sianiede
Anorganiese halogeen-bevattende verbindings
Anorganiese swael-bevattende verbindings
Laboratorium chemikalieë
Loodverbindings
Mediese afval (weefsels, bloed, deppers, naalde, ens)
Kwikverbindings
Nikkel en nikkilverbindings
Organiese halogeenverbindings, met uitsondering van inerte polimeriese stowwe
Verwe en verfslik
Peroksiede, chlorate, perchlorate en asiede
Plagdoders en insekdoders
Farmaseutiese en veeartsenykundige verbindings
Fosfor en fosforverbindings
Selenium and seleniumverbindings
Silwerverbindings
Teeragtige stowwe van raffinering en teeroorblyfsels van distillering, insluitende
petroleum produkte
Tellurium en telluriumverbindings
Tallium en talliumverbindings
Vanadiumverbindings
Sinkverbindings
Afval met 'n flitspunt, soos gemeet met die geslote houer metode, laer as 60⁰C

AAHANGSEL IIWATERGEHALTEVERANDERLIKES WAT VEREIS WORD VIR AGTERGRONDMONITERING
EN ONDERSOEKINGSMONITERING : VOORWAARDES 6.5 EN 6.7

Alkaliniteit	Vrye- & gebonde ammoniak (as N)
Kalsium	Boor
Chroom (Totaal)	Magnesium
Chroom (heksavalent)	Kadmium
Chemiese suurstof eis (CSE)	Chloriede
Sianied	Kwik
Lood	pH
Nitraat (as N)	Natrium
Fenol verbindings	Elektriese geleidingsvermoë
Kalium	Sulfaat
Totale opgeloste vaste stowwe	

AANHANGSEL IIIWATERGEHALTEVERANDERLIKES WAT VEREIS WORD VIR WAARNEMINGS
MONITERING: VOORWAARDE 6.6

(a)

Alkaliniteit
Chemiese suurstof eis
pH
Totale opgeloste vastestowwe
Chloriede
Nitrate
Kalium

(b)

Jaarliks vir elektriese geleidingsvermoeë, kalsium, magnesium, natrium, sulfaat en fluoriedes.

AANHANGSEL IV

INLIGTING WAT JAARLIKS VERSKAF MOET WORD: VOORWAARDE 6.9

J J J J M M D D

NAAM VAN TERREIN: DIE DUINE

DATUM VAN VERSLAG

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1. Geregistreerde eienaar(s) van eiendom waarop stortterrein geleë is:

Naam..... UKHARA HAIK MUNICIPALITEIT
 Posadres... P/S X6003..... Telefoonkode & No 054 3325911
 UPINGTON..... Fakskode & No 054 3390892
 Poskode 8800..... Teleks No

Naam van Operateur in beheer van stortterrein:

..... J.J. HUYSAMEN.....
 Telefoonkode & nommer 054 3390892 Na-ure 083 2353725
 Identiteitsnommer... 5901265062087.....

Opvoedkundige kwalifikasies (*). st 6 diploma
 st 8 hoër diploma
 matriek graad
 ander (spesifiseer).....

(a) Nuutstê geskatte lewensduur van stortterrein 20 jaar

(b) Dui die toepaslike tipe afval en hoeveelhede wat gedurende die jaar gestort is aan: MET VRAGMOTORS PER PAD

Tipe afval	Hoeveelheid (m ³ per jaar)	Gekompakteer(G)	Ongekompakteer(O)
<u>Nie-gevaarlike afval</u>			
Huishoudelike afval	<u>128 000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tuinafval	<u>50 000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bourommel	<u>38 000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Industriële afval (nie-gevaarlik)	<u>32 000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- (spesifiseer).....		<input type="checkbox"/>	<input type="checkbox"/>
-		<input type="checkbox"/>	<input type="checkbox"/>
TOTAAL	<u>248 000 m³</u>		

<u>Gevaarlike afval</u>		
- Ontvlambare vloeistowwe		<input type="checkbox"/>
- Ontvlambare vastestowwe		<input type="checkbox"/>
- Oksideermiddels		<input type="checkbox"/>
- Giftige stowwe		<input type="checkbox"/>
- Bytende stowwe		<input type="checkbox"/>
- Hospitaal afval en smetstowwe		<input type="checkbox"/>
- (spesifiseer).....		<input type="checkbox"/>
-		<input type="checkbox"/>
TOTAAL		

GIFEN

(a) Dui die metode van afvalstorting aan (*). Landopbouing Landvulling

(b) Dui die huidige afmetings van die terrein aan in meter.

Hoogte/diepte 5 m
 Lengte 600 m
 Breedte 280 m

Dui die afvaltipes en hoeveelhede aan wat gedurende die jaar herwin is. (*)

Geen herwinning is onderneem nie

Tipe	Hoeveelheid(m ³)	Tipe	Hoeveelheid(m ³)
Papier/houtvesel	Rubber	.....
Plastiek	Tekstiele	.....
Glas	Yster	.....
Koper	Aluminium	.....
Sink	Lood	.....
Fosfogips	Poeierkoolas	.....
Afval vir kompostering	Voedselreste	.....
Brandbare gasse	Ander	.....
Ander	Ander	.....
Ander	Ander	.....

Dui die tipes, bronne en beraamde hoeveelhede beskikbare bedekkingsmateriaal aan (*).

Tipe	Bronne	Hoeveelheid (m ³)
Grond
<input checked="" type="checkbox"/> Sand	DUIW SAND	ONTEELBAAR
As
Gruis
Klei
Bourommel
Ander (spesifiseer)
.....
.....
.....

* Dui aan met 'n X

Handtekening
 Oedanigheid
 Plek Datum



DEPARTMENT: WATER AFFAIRS AND FORESTRY

Private Bag X313, Pretoria, 0001
Sedibeng Building, 185 Schoeman Street, Pretoria
Tel: (012) 336-7500, Fax: (012) 323-4472 / (012) 326-2715

539.WM 18-03-2004

Wilna Moolman

F - ☒ 012-323 0321



012-336 7557

E - ☒ tei@dwaf.gov.za



16/2/7/D700/D1/Z1

Munisipale Bestuurder
//Khara Hais Munisipaliteit
Privaatsak X6003
UPINGTON
8800

Aandag: CG Kuun

**WYSIGINGSPERMIT VIR DIE DUINE AFVALSTORTTERREIN KRAGTENS ARTIKEL 20
VAN DIE WET OP OMGEWINGSBEWARING, 1989 (WET 73 VAN 1989): PERMIT NOMMER
B33/2/442/1/P68**

Die Minister ag dit nodig om die Permit: B33/3/442/1/P68 as volg te wysig.

Kragtens die bevoegheid aan my gedelegeer deur die Minister van Waterwese en Bosbou (hierna verwys as "die Minister") verleen ek, Cornelius Ruiters, in my hoedanigheid van Bestuurder: Waterbenutting van die Departement van Waterwese en Bosbou (hierna genoem "die Departement"), hiermee, kragtens artikel 20(1) van die Wet op Omgewingsbewaring, 1989 (Wet 73 van 1989), toestemming om die Duine-afvalstortterrein se Permit soos volg te wysig:

(gewysig) PERMITNOMMER: 16/2/7/D700/D1/Z1/P68

(gewysig) TIPE: G:M:B

(gewysig) PERMITHOUER: //KHARA HAIS MUNISIPALITEIT.

(gewysig) PERMITVOORWAARDES

In hierdie Permit beteken "Streekdirekteur" die Streekdirekteur: Noord-Kaap van die Departement, wat by die volgende adress gekontak kan word:

Streekdirekteur: Noord-Kaap
Departement van Waterwese en Bosbou
Privaatsak X5912
UPINGTON
8800

Handwritten signature and initials.

(gewysig) Voorwaarde 2.2.1

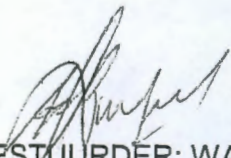
geen mediese afval op die Terrein gestort word nie; en

(gewysig) Voorwaarde 5.5

Afval wat op die Terrein gestort is, mag herwin word. Die herwinning mag nie die daaglikse bedryfsaktiwiteite van die Terrein belemmer nie.

(bygevoeg) Voorwaarde 5.7

Die Permithouer moet rekord hou van die volume en aard van die afval wat herwin word en moet dit jaarliks aan die Streekdirekteur rapporteer.



BESTUURDER: WATERBENUTTING
p.p. MINISTER VAN WATERWESE EN BOSBOU

DATUM: 30/03/2004

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