



**Environmental Impact Assessment for the
proposed Banna Ba Pifhu Wind Energy Project
near Humansdorp, Eastern Cape:
Final Environmental Impact Assessment Report**

APPENDIX E

**Comments from Interested and
Affected Parties before and following
the release of the Draft Environmental
Impact Assessment Report**

Comments received from I&APs prior to the release of the Draft EIA Report

From: Nanna Gouws (SR) [GouwsJ@nra.co.za]
Sent: 16 August 2011 11:39 AM
To: 'sandy@publicprocess.co.za'
Subject: Draft scoping report: Proposed Banna Ba Pifhu Wind Energy Project Farms
Broadlands and Saragossa, Humansdorp

Dear Sandy

As with our comment with the other projects: The wind turbines should be erected at least 500 metres from the national road reserve boundary and 500 metres from any point of intersection. If this cannot be achieved then applications have to be submitted to SANRAL for consideration and approval. Please also note that no access to these wind farms will be granted from the national road.

Regards



Mrs Nanna Gouws
Statutory Control Officer Southern Region
Tel: +27 41 398 3226
Fax: +27 41 398 3211

Reg.No.
1998/009584/06

SANRAL Southern Region Offices
SANRAL House, Southern Life Gardens, Block C
70 Second Avenue, Newton Park, Port Elizabeth
P.O. Box 27230, Greenacres, 6057
www.nra.co.za
SANRAL Fraud Hotline: 0800204558

Comments received after the release of the Draft EIA report

05.JUN.2012 19:35 0414842848

CMR PE

#6694 P.001 / 002

EIA PHASE:

DRAFT EIA REPORT & EMP COMMENT FORM

**SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
WKN Windcurrent SA (Pty) Ltd (the Applicant)**

WKN-Windcurrent SA Pty Ltd are proposing a 50 MW wind energy facility on the Farms
Broadlands and Saragossa, Humansdorp, Kouga Local Municipality, referred to as Banna Ba Pifhu

DEA Reference Number: 12/12/20/2289

Primary Listed Activity: GN R545 Activity 1.

Return Completed Reply Form to:

Public Process Consultants, PO Box 27688, Greenacres 6057

Phone: 041 – 374 8426 or Fax 041-373 2002 or Email sandy@publicprocess.co.za

Complete all Relevant Sections Below and Return By: 8 June 2012

Please provide your full contact details:

FIRST NAME: CORNE'	SURNAME: ERASMUS
ORGANISATION: BEROLFFE EASTERN CAPE	POSITION: CHAIR PERSON
POSTAL ADDRESS: P.O. BOX 27454	GREEN ACRES
CODE: 6057	
PHONE:	FAX: 086 518 76 73
CELL: 084 515 8425	EMAIL: CORNE.ERASMUS@ACCESS.CO.ZA

Please clearly state any interest you may have in the project and/or list your issues and comments or questions you may have (use additional pages if required)

BirdLife Eastern Cape interest in this area is related to the bird activity of the area and specifically the vulnerable birds.

According the Draft EIA Report's data, it is clear that they acknowledge that there is significant flight activity over the proposed turbine area. This is a fact also known due to Atlas (SABAP) and the Coordinated Avifaunal Roadcounts of Birds as well as the "My BirdPatch project. The data collected through these projects can be obtained from the Animal Demography Unit in Cape Town. Therefore the erecting of a Wind Energy Farm will definitely impact negatively on the mortality of birds, due to collision.

Post-construction monitoring will be too late, as that will not protect the birds. The survey already indicated that priority species like Denham's Bustard, Blue Crane, Amur Falcon and Black-winged Lapwing are moving through the area and will therefore collide with the turbines, and result in their death. It is also known that the visual fields in bustards and cranes are characterised by large blind areas. Compared to other birds, the proportion of the hemisphere that projects forward has very reduced visual coverage in bustards: there are two blind areas, one larger than the other. Downward movement of the head by greater than 25° would bring these blind areas to project forwards, in the direction of flight. Bustards looking below them are effectively flying blind with respect to objects directly ahead of them. And so they are prone to collide with power lines and – by extension – with wind turbines.

Registration and comments form for Issues

The indication that these birds will be "displaced" during the construction and operational period does not justify going ahead, due to the fact that other wind farms in the area are also planned and will lead to nowhere to go for the birds.

In the light of the above BirdLife Eastern Cape is against the Proposed Banna ba Pifhu Wind Energy Project and request that it will not go ahead.

M. Erasmus.



04/05 2012 12:36 0414561666

Canon

Department o #5118 P.001/001

EIA PHASE:

DRAFT EIA REPORT & EMP COMMENT FORM

SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
WKN Windcurrent SA (Pty) Ltd (the Applicant)

WKN-Windcurrent SA Pty Ltd are proposing a 50 MW wind energy facility on the Farms Broadlands and Saragossa, Humansdorp, Kouga Local Municipality, referred to as Banna Ba Pifhu

DEA Reference Number: 12/12/20/2289

Primary Listed Activity: 6N R545 Activity 1.

Return Completed Reply Form to:

Public Process Consultants, PO Box 27688, Greenacres 6057

Phone: 041 - 374 8426 or Fax 041-373 2002 or Email sandy@publicprocess.co.za

Complete all Relevant Sections Below and Return By: 8 June 2012

Please provide your full contact details:

FIRST NAME: Marius	SURNAME: Keyser
ORGANISATION: Dept of Roads	DESIGNATION: District Roads Engineer
POSTAL ADDRESS: PO Box 11100, Algora Park, 6005	
CODE: 6005	
PHONE: 0236661598	FAX: 021 4561666
CELL:	EMAIL:
Email: marius.keyser@dpu-ecape.gov.za	

Please clearly state any interest you may have in the project and/or list your issues and comments or questions you may have (use additional pages if required)

Access to Provincial Roads / Abnormal routes etc.


M.T. KEYSER
District Roads Engineer

From: David aldendorff [davidald@mweb.co.za]
Sent: 10 March 2012 08:31 AM
To: mievendal@csir.co.za
Cc: sandy@publicprocess.co.za
Subject: DEA reference 12/12/20/2289

Follow Up Flag: Follow up
Flag Status: Flagged

Please note your correspondence dated 4 november, 2011 has just been forwarded to me by the Kouga municipality, and I am not the ward councillor for the area where the Banna Ba Pifhu wind scheme is planned. I suggest you do not use the Kouga municipality to address any correspondence to councillors if you wish a speedy reply.
Rgds,
David Aldendorff

>>> John Geeringh <GeerinJH@eskom.co.za> 13/06/2012 10:13 >>>
Your reference 12/12/20/2289 refers.

The development does not seem to have any impact on existing Eskom Transmission infrastructure. However, Eskom is busy with the EIA studies for the proposed Transmission lines to connect the proposed Thyspunt Nuclear Power Station to the National Grid. The study area overlaps with your proposed development.

Attached please find generic Eskom requirements for work at or near Eskom Infrastructure (Wind projects) as well as an Google image indicating the study area for the Thyspunt integration study. The Eskom Scheme Manager (Land Development) is Martina Nailana whom I have copied in this e-mail. I suggest you contact her to gain more insight into proposed corridors for the Thyspunt connection lines.

Regards

John Geeringh (Pr Sci Nat)
Snr Env Advisor
GC Land Development
Megawatt Park D1 Y38
P O Box 1091
Johannesburg
2000

Tel: 011 516 7233
Fax: 086 661 4064
Cell: 083 632 7663

Eskom requirements for work in or near Eskom servitudes.

1. Eskom's rights and services must be acknowledged and respected at all times.
2. Eskom shall at all times retain unobstructed access to and egress from its servitudes.
3. Eskom's consent does not relieve the developer from obtaining the necessary statutory, land owner or municipal approvals.
4. Any cost incurred by Eskom as a result of non-compliance to any relevant environmental legislation will be charged to the developer.
5. If Eskom has to incur any expenditure in order to comply with statutory clearances or other regulations as a result of the developer's activities or because of the presence of his equipment or installation within the servitude restriction area, the developer shall pay such costs to Eskom on demand.
6. The use of explosives of any type within 500 metres of Eskom's services shall only occur with Eskom's previous written permission. If such permission is granted the developer must give at least fourteen working days prior notice of the commencement of blasting. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued in terms of the blasting process. It is advisable to make application separately in this regard.
7. Changes in ground level may not infringe statutory ground to conductor clearances or statutory visibility clearances. After any changes in ground level, the surface shall be rehabilitated and stabilised so as to prevent erosion. The measures taken shall be to Eskom's satisfaction.
8. Eskom shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the developer, his/her agent, contractors, employees, successors in title, and assignees. The developer indemnifies Eskom against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom's services or apparatus

or otherwise. Eskom will not be held responsible for damage to the developer's equipment.

9. No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the developer must give at least seven working days' notice prior to the commencement of work. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued by the relevant Eskom Manager

Note: Where and electrical outage is required, at least fourteen work days are required to arrange it.

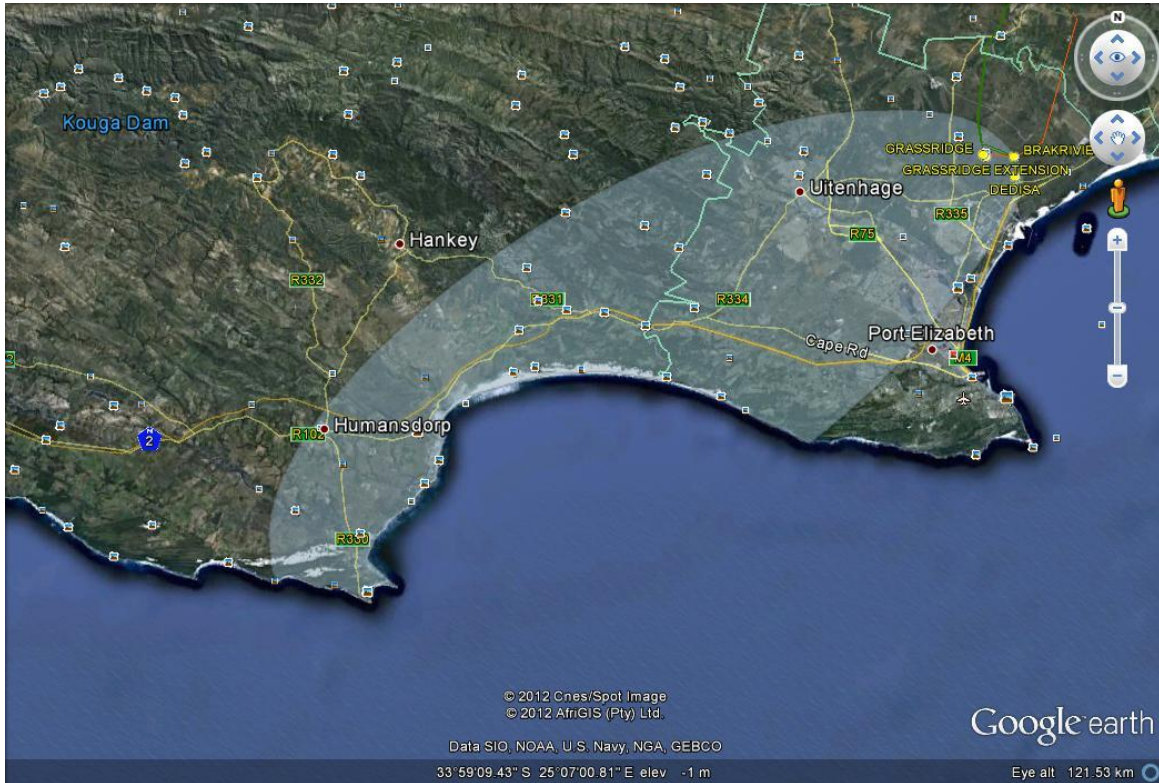
10. Eskom's rights and duties in the servitude shall be accepted as having prior right at all times and shall not be obstructed or interfered with.
11. Under no circumstances shall rubble, earth or other material be dumped within the servitude restriction area. The developer shall maintain the area concerned to Eskom's satisfaction. The developer shall be liable to Eskom for the cost of any remedial action which has to be carried out by Eskom.
12. The clearances between Eskom's live electrical equipment and the proposed construction work shall be observed as stipulated by *Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993)*.
13. Equipment shall be regarded electrically live and therefore dangerous at all times.
14. In spite of the restrictions stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), as an additional safety precaution, Eskom will not approve the erection of houses, or structures occupied or frequented by human beings, under the power lines or within the servitude restriction area.
15. Eskom may stipulate any additional requirements to highlight any possible exposure to Customers or Public to coming into contact or be exposed to any dangers of Eskom plant.
16. It is required of the developer to familiarise himself with all safety hazards related to Electrical plant.
17. Any third party servitudes encroaching on Eskom servitudes shall be registered against Eskom's title deed at the developer's own cost. If such a servitude is brought into being, its existence should be endorsed on the Eskom servitude deed concerned, while the third party's servitude deed must also include the rights of the affected Eskom servitude.

18. Eskom request that any wind turbine structures be placed at least four (4) times the blade diameter of the wind turbine to be used away from any Eskom High voltage power line servitudes (220kV and above). This is to allow for future possible expansion of the Eskom servitude to allow for additional power lines to be constructed parallel to existing lines, upgrading of existing lines to higher voltage Transmission power lines in future, combat the effects of turbulence from the turbines on the power lines, limit the possible effect of electromagnetic interference and to decrease the risk of catastrophic failure of the turbine to impact on the power line. Eskom does a lot of live line maintenance work on High Voltage lines and thus use helicopters in close proximity to high voltage lines. Turbines in close proximity to Eskom Microwave radio sites and substations should also not be placed within the line of site of the antennae on such sites and towers.

John Geeringh (Pr Sci Nat)

Senior Environmental Advisor
Eskom GC: Land Development

Appendix E, Comments received from I&APs



St Francis Kromme Trust

16 January 2012

Public Process Consultants
sandy@publicprocess.co.za

**BANNA BA PIFHU WIND ENERGY PROJECT
SUBMISSION RE
IMPACT ON BIRDS**

The St Francis Kromme Trust recommends that Kouga farmers whose land provides suitable habitat for bustards and cranes be approached to provide refuge for these birds. We suggest that developers who are successful in acquiring Independent Power Producer licences be required to contribute to a fund to recompense those farmers who forfeit the income from turbine rental in order to provide such bird refuge.

The Trust notes with concern that environmental authorization has been granted to proceed with wind farm construction on six sites in and around the immediate Kouga area, with another five sites awaiting decision.

Bird specialists have, in their environmental impact assessments, identified that the Eastern Cape Coastal Precinct has the highest densities of Denham's Bustard and White-bellied Korhaan in South Africa, with the Humansdorp population of White-Bellied Korhaan virtually isolated from the rest of the country, and that the coastal plain between Tsitsikamma and Port Elizabeth is arguably the most important area for Denham's Bustard in the country.

Research has shown that bustard and crane mortality from power line collision is disproportionately high compared to other species. Data from the Overberg shows that as high a proportion as 30% of the Denham's Bustard and 10% of the Blue Crane population in that area may be killed annually by power lines¹. Investigation identified that the underlying cause is that visual fields in bustards and cranes are characterised by large blind areas². Bustards looking below them are effectively flying blind with respect to objects directly ahead of them. And so they are prone to collide with power lines and – by extension – with wind turbines.

If there are significant distances between wind farms displacement of these birds to safe sites is possible, but in the Kouga area the number of project applications and their proximity to one another reduces this possibility dangerously.

Appendix E, Comments received from I&APs

From: MARIAGRAZIA GALIMBERTI [MGALIMBERTI@sahra.org.za]
Sent: 11 July 2012 03:31 PM
To: MLevendal@csir.co.za; PLochner@csir.co.za;
tvandermerwe@environment.gov.za; sandy@publicprocess.co.za
Cc: naturaviva@universe.co.za; kobusreichert@yahoo.com
Subject: 12/12/20/2289
Attachments: Banna Ba Pifhu comments.pdf

Dear All,

I apologise for the delay, but please find attached the comments for the Banna Ba Pifhu wind energy facility.

Kind regards
Mariagrazia

Mariagrazia Galimberti (PhD)
Heritage Officer: Archaeology
South African Heritage Resources Agency
111 Harrington Street
PO Box 4637, Cape Town 8000,
South Africa
E-mail: mgalimberti@sahra.org.za
Phone : +27 (0)21 462 4502
Fax : +27 (0)21 462 4509
Web : www.sahra.org.za

Banna Ba Pifhu
Our Ref: 9/2/034/0005

Enquiries: Mariagrazia Galimberti
Tel: 021 462 4502
Email: mgalimberti@sahra.org.za
CaseID: 214

Date: Wednesday July 11, 2012

Page No: 1



Final Comment

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

Attention:
Mr Alan Wolfrohm
WKN Windcurrent SA (Pty) Ltd

Proposed construction of a 50 MW wind energy facility on the Broadlands and Saragossa Farms in the Kouga Municipal Area, Eastern Cape Province.

Binneman, J., April 2012. Impact on Archaeology.

Almond, J., April 2012. Impact on Palaeontology

Windcurrent SA (Pty) Ltd and WKN Windkraft Nord AG are proposing the establishment of a wind energy facility in the Kouga Municipality, about 3.5km south of Humansdorp. The facility is proposed to produce up to 50MW of energy with up to 27 turbines. The infrastructure required for this project will include underground cables between the turbines, foundations for the turbines themselves, a new substation to connect the wind farm to the existing 66 kV Melkhout - St. Francis overhead power line, which crosses the site and internal access roads between the turbines. Temporary laydown areas and stockyards will also be necessary.

This project proposes to erect the turbines on a low lying coastal plain between the Kromme and Seekoei Rivers, surrounded by the Cape Fold Mountain System and by the mobile aeolian dunes. The coastal plain is currently used for stock and dairy farming.

The archaeologist surveyed the area and concluded that the impact on archaeological resources will be minimal. The proposed area for the development is characterised by the presence of Early and Middle Stone Age material *ex situ* with low archaeological significance. Most of the artefacts identified are made in quartzite and mostly are informal flakes and chunks.

No historical material, structures or burials were identified on the three properties during the survey.

The palaeontologist only undertook a desktop study. According to the information gathered by the specialist, the proposed site for the wind energy facility is underlain by the mudrocks of the Lower Bokkeveld Group and more specifically by its Ceres Subgroup mantled in turn by Late Caenozoic alluvial deposits. While generally the palaeontological significance of the Bokkeveld Group is high, in this specific instance the palaeontologist believes that given the high level of deformation and chemical weathering undergone in this area, the likelihood of recovering significant fossils is remote.

As the archaeologist points out correctly in his report, several wind energy facilities (at least 5) have been proposed in the Kouga Municipality and most of them have already received Environmental Authorization and



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>

Banna Ba Pifhu
Our Ref: 9/2/034/0005

Enquiries: Mariagrazia Galimberti
Tel: 021 462 4502
Email: mgalimberti@sahra.org.za
CaseID: 214

Date: Wednesday July 11, 2012

Page No: 2



one of them is in the process of being established. Considering this, it is definitive that the sense of place and the character of the area will be irreversibly changed. The visual impact assessment states that *here will be very few areas in this region from which no wind turbines will be visible. (...) the cumulative effect of the additional wind turbines on sensitive viewers in the region is expected to be minimal.*

Decision:

Considering all information provided in the Environmental Impact Assessment Report, SAHRA agrees with the recommendations of the specialists that no mitigation is necessary from a palaeontological and archaeological perspective.

However, if any new evidence of archaeological sites or artefacts, palaeontological fossils, graves or other heritage resources are found during construction, SAHRA APM Unit (Tel: 021 462 4502) and a professional archaeologist or palaeontologist, according to the nature of the findings, must be alerted immediately.

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

Yours faithfully

Mariagrazia Galimberti
Heritage Officer: Archaeology
South African Heritage Resources Agency

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:
(DEA, Ref: 12/12/20/2289)

Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for



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>

Appendix E, Comments received from I&APs

Banna Ba Pifhu
Our Ref: 9/2/034/0005

Enquiries: Mariagrazia Galimberti
Tel: 021 462 4502
Email: mgalimberti@sahra.org.za
CaseID: 214

Date: Wednesday July 11, 2012

Page No: 3



-
- 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

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>

From: Peter Rautenbach [peter@grasmereostriches.com]
Sent: 15 May 2012 01:05 PM
To: sandy@publicprocess.co.za
Subject: BANNA BA PIFHU EIA COMMENTS

I hereby wish to bring to your attention my concern about the positioning of turbines on my boundary at GRASMERE FARM. I feel that anything closer to my boundary than 50% of what the distances between the turbines is supposed to be, is impacting on the number of turbines that I could accommodate on my land in a possible future windfarm development.

I would thus request that the positioning of the turbines be changed accordingly.

Kind regards,

Peter Rautenbach
Grasmere
PO Box 99
Humansdorp
6300

Tel:042 2932039
Fax: 042 29318898
Email: peter@grasmereostriches.com

From: Robert Montgomery [robertm@rushmere.co.za]
Sent: 21 May 2012 08:42 AM
To: Minnelise Levendal
Cc: Sandy Wren
Subject: RE: OBJECTION TO PROPOSED BANNA BA PIFHU WIND ENERGY PROJECT
Attachments: 1985_001.pdf

Hi Minnelise

Kindly find attached our clients amended objection. Please confirm that the this amended objection will replace the previous version sent.

Thank you.

Kind Regards

Robert Montgomery

From: Minnelise Levendal [<mailto:MLevendal@csir.co.za>]
Sent: 18 May 2012 10:15 AM
To: Robert Montgomery

Cc: Sandy Wren

Subject: Re: OBJECTION TO PROPOSED BANNA BA PIFHU WIND ENERGY PROJECT

Dear Mr Montgomery

I hereby acknowledge receipt of your clients objection. I have forwarded your email to Ms Sandy Wren, who is the public participation facilitator for this project. The concerns raised will be addressed and the response will be included in the issues and responses trail that will be included in the Final EIA Report.

Best wishes,

Minnelise Levendal

>>> "Robert Montgomery" <robertm@rushmere.co.za> 18/05/2012 08:40 >>>

Dear Ms Levendal

Kindly find attached our clients objection to the proposed Banna Ba Pifhu Wind Energy Project and request to be registered as an interested and affected party.

Kind regards

Robert Montgomery

Candidate Attorney

RUSHMERE NOACH INCORPORATED

5 Ascot Office Park, Conyngham Road, Greenacres, Port Elizabeth, 6045

P.O. Box 100, Port Elizabeth, 6000

Docex 6, Port Elizabeth

Tel: (041) 399-6700

Fax: (041) 374-3112

E-mail: robertm@rushmere.co.za

Rushmere  Noach

ATTORNEYS

Fax Cover Page

Number of Pages including this page (2)

Date: **21 MAY 2012**

To: **CSIR**

Your Fax No: 021 888 2693

PO Box 320

Your Ref: MINNELISE LEVENDAL

Stellenbosch,7599

Our Ref:

CD ARNOLD/RM

mlevendal@csir.co.za

Direct line: (041) 399 6700
Facsimile: (041) 374 3112
e-mail: christophera@rushmere.co.za
e-mail: robertm@rushmere.co.za

*** Kindly quote our reference at **ALL** times ***

Dear sir

RE: OBJECTION TO PROPOSED BANNA BA PIFHU WIND ENERGY PROJECT

We act on behalf of the trustees of the Lex Gutsche Investment Trust, the owner of Portion 25 of the Farm Geelhouteboom No.688 ("the Farm"). The Farm abuts one of the properties, namely the Remainder of Farm 688 ("the Abutting Property") earmarked for incorporation in the proposed development of a Wind Farm described as the Banna Ba Pifhu Wind Energy Project ("the Project") by WKN Wind Current SA (Pty) Ltd ("Developer"), in respect of the above matter.

We have been provided with a copy of a summary of the proposed Project prepared by you as the environmental assessment practitioner which provides an overview of the purported steps contemplated by the Developer to mitigate certain identified environmental risks associated with the development of the Wind Farm. Our client is an Interested and Affected Party envisaged by Regulation GNR.385 of 21 April 2006: Regulations in terms of Chapter 5 of the National Environmental Management Act, 1998. In terms of the aforesaid regulations you are obliged to open and maintain a register of such parties and we are instructed to request, as we hereby do, that you immediately register our client as an interested and affected party for the

Notaries • Conveyancers • Administrators of deceased and insolvent estates

Rushmere Noach Inc

Reg No 2002/015382/21

Directors: RO Jefferson B Comm B Proc, SK Gough BA LLB (Managing),
JM Louw B Juris LLB, DJ Parker B Juris LLB, J Theron B Comm LLB,
CD Arnold B Comm LLB, L Koorse LLB
Assisted By: JD Storer B Proc, JD Greeff LLB
Consultants: WS Allchurch BA, CG Rushmere BA LLB
General Manager: PC Theron B.Comm B.Compt-Hons CA(SA)

5 Ascot Office Park
Conyngham Road
Greenacres, 6045
P O Box 100
Port Elizabeth
6000
South Africa
Docex 6
Port Elizabeth

Tel: (041) 399 6700
Fax: (041) 374 3110 General
(041) 374 3112 Conveyancing
(041) 374 3108 Commercial
(041) 374 3107 Litigation
International Code: + 2741
E-Mail Address:
general@rushmere.co.za
Website Address:
www.rushmere.co.za

purpose of the application for an Environmental Impact Assessment. Please confirm that our client has been registered.

Our client's preliminary environmental concerns, and potential objections should such concerns not be adequately addressed to the satisfaction of our client, in any assessment by you are summarised below and you are requested to confirm that they will be addressed in the further reports to be provided by you and/or specialists appointed for such purpose.

1. Our client when initially approached by the owner of the Abutting Property ("the **Owner**") was assured that the development of the Wind Farm would be limited to the eastern sector of Portion 1 of the Farm 868. It is not apparent from the summary whether the turbines are to be confined to that portion identified by the Owner. Please confirm that the Turbines will be so confined as this may influence the basis of any objection to the proposed Project. The location on the site agreed with the Owner would go some way to mitigate the visual impact of the Turbines to our client. Development of the Wind Farm towards the northern and western sectors of the Abutting Property will materially and adversely affect our client as it will severely impact upon the pristine views which it enjoys, and has enjoyed for some 36 years, towards the mountains and its surrounds. Having regard to the location and the amenity of the Farm such impact will significantly reduce the market value the Farms.
2. Our client also has deep concerns that the proposed Project will threaten birdlife as well as other fauna and flora. By way of example only, a colony of approximately 1000 blue cranes nest on the Farm and having regard to their flight patterns [including height] there is a real risk that a vast numbers of this species will either be killed or severely harmed due to the location of the Turbines on the Abutting Property.
3. Our client also understands that the existing grid supplying the area does not have capacity to allow for the connection of a further wind farm additional to those approved by the Department of Energy under its REIPP. As such the Developer, in considering the proposed Project, must also make allowance for the additional environmental burden that will be imposed by increasing grid capacity. Please confirm that it will do so.

The above reservations and objections are only preliminary and our client reserves the right to supplement any concerns or raise objections which it has to the proposed Project.

Yours Faithfully,

RUSHMERE NOACH INCORPORATED

Per:



From: Paul Steyn [paul@publicprocess.co.za]
Sent: 18 May 2012 09:51 AM
To: sandy@publicprocess.co.za
Subject: Banna Ba Pifhu Query

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Sandy

Re.: Banna Ba Pifhu Query

Peter Rautenbach (neighbouring landowner) called and has requested that you call him back. I could not answer his question:

Basically his concern relates to the minimum distance required between turbines, E.g. *500 meters*; and the limitations that the current turbine placement imposes on future wind-power projects his property.

If for example a BBP turbine is only *100 m* from his boundary, he would in future be limited to placing turbines on his property *400 meters* from the boundary in order to achieve the required 500 meter turbine separation distance. I.e. he would be limited in the number of turbines which could be erected on his land.

He suggests that the developer meets him half way: i.e. limits turbine placement on the site to 250 meters from the boundary; then he would in future also be limited to placing turbines on his property 250 meters from the boundary.

Dr Paul-Pierre Steyn (PhD)
Environmental Scientist
Public Process Consultants
PO Box 27688, Greenacres, 6057
120 Diaz Road, Adcockvale, PE, 6001
Phone: 041 374 8426
Fax: 041 373 2002
Cell: 084 302 8364
Website: www.publicprocess.co.za

Appendix E, Comments received from I&APs

From: Alan Southwood [<mailto:Alan.Southwood@deaet.ecape.gov.za>]
Sent: 06 November 2012 07:45 AM
To: Sandy Wren
Subject: Banna Ba Phifu Wind Energy Project: DEA Ref No 12/12/20/2289: Authorization

Good morning Sandy,

Could you please e-mail us a copy of the Authorization? We have received an application from a consultant to undertake bat monitoring for the developer.

Regards,

Alan Southwood
Environmental Officer: Specialised Production



Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS AND TOURISM

Tel: 041 508 5813 . Fax: 086 519 7698
Collegiate Provincial Building, Cnr of Belmont
Terrace & Castle Hill, Central
Port Elizabeth, 6000
P/Bag X5001, Greenacres, South Africa, 6057
<http://www.dedea.gov.za/>
Alan.Southwood@deaet.ecape.gov.za

Vision: A Province where economic growth and sound environmental management underpin sustainable development.

Values: Leadership | Integrity | Flexibility | Teamwork

From:

To: 0218882693

30/09/2011 08:29

#825 P.001/002



agriculture,
forestry & fisheries

Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

DEPARTMENT: AGRICULTURE
REPUBLIC OF SOUTH AFRICA

Directorate LUSM Private Bag x 120, PRETORIA, 0001 • Tel: (012) 319 7678

FAX COVER SHEET

DATE: 2011-09-30

TO:	CSIR	
ORGANISATION:		
FAX:	021 888 2693	
FROM:	T Nyoka (ThembiN@daff.gov.za)	
TEL:	012- 319 7464	Ref No: 2011_07_0154
FAX:	012-329 5938	
NO. PAGES:	2 incl. cover sheet	

MESSAGE:

Please find the letter of the farm Broadlands and Sarragossa no. 688,689 and 868-
Humansdorp for PIFHU wind energy project, EC province.

From:

To: 0218882693

30/09/2011 08:29

#825 P.002/002



agriculture,
forestry & fisheries

Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

Private Bag X120, Pretoria (Tshwane), 0001
Delpen Building, C/o Annie Botha & Union Street, Riviera, 0084

From: Directorate Land Use and Soil Management
Tel: 012-319-7678 Fax: 012-329-5938 E-mail:
Enquiries: Help Desk Ref: 2011_07_0154

CSIR
P O Box 320
STELLENBOSH
021 888 2693

2011 -09- 3 0

Fax: 021 888 2693

Dear Sir/Madam

**ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED BANNA BA
PIFHU WIND ENERGY PROJECT: ON BROADLANDS AND SARRAGOSSA NO. 688,
689 AND 868-HUMANSDORP, EASTERN CAPE PROVINCE**

Your letter dated July 2011 refers.

In view of the above and specifically in relation to the agricultural production potential of the site and surrounding areas as well as the current land use, this Department does not support any change of land use, rezoning, sub-division as it will impact negatively on the agricultural nature and production potential of the site.

The proposed change in land use is on cultivated area and this department does not support.

Yours faithfully

DELEGATE OF THE MINISTER: LAND USE AND SOIL MANAGEMENT

R/2011