

(1)

From: Karen Shippey
To: jlatilla@lantic.net
Date: 01/12/2006 09:24:59 AM
Subject: Re: Fwd: ATT: KAREN SHIPPEY: - PROPOSED ESKOM POWER STATION - WITBANK AREA

Thank you for your comments. We will ensure that they are responded to by the project team in the documentation and a copy sent to you for your information.

Sincerely
Karen Shippey

Ms. Karen Shippey
Pr. Sci. Nat
(Certified Environmental Assessment Practitioner)
Associate: Environmental Department
Ninham Shand Pty Ltd
P.O.Box 1347, Cape Town 8000
Tel: 021- 481 2400 Fax: 021- 424 5588
Direct line: 021- 481 2502
Email: karen.shippey@shands.co.za

>>> Enviro 30/11/2006 12:15:19 PM >>>

>>> "John Latilla" <jlatilla@lantic.net> 30/11/2006 11:11:11 AM >>>
COMMENTS ON DRAFT EIA

My wife and I attended the open house at the Boulevard Hotel yesterday afternoon and left with a sense of utter sadness.

All our hopes for the future in a place we love blasted out of the water by Eskom's inability to consider and implement alternative power generating options but to keep with the environmentally high impact option of yet another coal burning mega station in an area already flooded with them! It is a tragedy! I know this sounds dramatic but it is truly how I feel!

On the practical side, herewith my comments:

Firstly, I do not think the impacts of the construction phase have been taken seriously enough. Particularly the security issue, due to the vast number of people likely to be involved and the even larger numbers hoping to get work. I do not believe the SAPS will be willing or indeed able to provide sufficient protection to people living in the area. Eskom are likely to shrug it off as not their problem but my response is that is IS Eskom's problem as the influx of people will be directly due to their activities and would not happen otherwise!

Will Eskom pay for 24hour private security for me or even let me have free electricity for a high powered electric fence system?

Do they have any plan for ensuring that a squatter camp does not spring up in the vicinity?

Noise, dust and traffic dangers (heavy construction vehicles) will further impact on our day to day living.

I am sure that none of the people making the decision to build this power station will be living anywhere near it during construction or operation!! But we have to! It may make it easier to swallow if at least a five senior Eskom and Amcoal personnel with their families were forced to live within a 6km radius of the power station or mine!! They are telling us it will not affect our lives - so if that's true let them demonstrate it!

I certainly did not choose to live anywhere near this development and no mention was made about it when I purchased here only a year ago! I would never have bought had I known!

I remain sceptical that the visual and noise effects will be bearable during the construction phase as well as when the station is running.

Where will building stone (aggregrate) and sand be supplied from?
Where will the access roads be positioned to get material to site?

Why can Eskom not build two stations in a less populated area, or build another station next to Kendal PS where there is already environmental damage and negative affect on nearby populations?

We have all our resources invested in this property (we were planning to retire here) and are now seriously considering putting it on the market due to this development! As we will probably be negatively affected by Eskom (if we cannot sell due to this or have to take a lower price) will they make up any shortfall between our (fair) asking price and what we may be able to sell it for!

For your information here is a copy of a letter I have just sent to the Witbank News

OPPOSITION TO NEW ESKOM POWER STATION IN THE BAMORAL / KENDAL AREA

As most people by now know, Eskom are planning another huge power station in the Witbank area. Apart from the inevitable negative impact on air quality (not good even before they begin) other problems are also expected such as the enormous visual impact (it will be the same size as the one at Kendal), noise, dust and water pollution. For reasons best known to themselves they have chosen potential sites close to (maybe even on) wetland areas.

The list of problems is long and these are but a few.

Of even greater concern to people living close by is the security aspect of thousands of people working for contractors during construction as well as the great many more hoping for a job.

The danger on the roads posed by construction vehicles can also not be ignored.

I feel that the pro lobby is well established and strong (Eskom, Amcoal etc) but feel there is a need for those opposed to it to stand together as we may then have a stronger voice. So if you are interested drop me an email (jlattilla@lantic.net) or phone or send an SMS (078 263 1710)

John Latilla

John and Cecilia Latilla
tel 013 680 1292
fax to mail 086 675 9843
cell - John 082 823 1658
cell - Cecilia 082 335 2653

Postal address:
PO Box 265
Witbank
1035

Physical address:
Ptn 64, Eenzaamheid
Balmoral
Witbank district
Mpumalanga
RSA

CC: Gaika, Lindiwe; Lawson, Brett; West, Ashwin



From: "Latilla, John (ING CMP)" <John.Latilla@bhpbilliton.com>
To: <lindiwe.gaika@shands.co.za>
Date: 08/12/2006 01:25:34 PM
Subject: Witbank Power Station

Comments on annexure P - Socio economic impact.

The fact that site Y is very much closer to the less well-off Delmas area has not been highlighted

Only passing mention has been made about the likelihood of increased crime and violence during both the construction and operations stages (items 6.6 and 7). This leads me to believe that the question has not been investigated at all, or if it has, then only superficially.

John Latilla

Ptn 64 Eenzaamheid

082 823 1658

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CC: "John Latilla" <jlatilla@lantic.net>



From: "Latilla, John (ING CMP)" <John.Latilla@bhpbilliton.com>
To: <lindiwe.gaika@shands.co.za>
Date: 08/12/2006 01:00:19 PM
Subject: Witbank Power station - comments on EIA

I have the following comments WRT the Transport Planning Study - annexure N

The comparative study between the two sites appears to have a pre-disposition to select site X. The distance from Pretoria and Bronkhorstpruit is taken into account but not the distance to Ogies / Phola and Delmas which are probably closer to site Y. Also site Y is as close to the N12 as site X is to the N4.

Road A (figure A - 2) is marked as passing right through my house! Great news that is!

Eskom had better come and see me soon about buying out my place!

I would in any case not be interested in living next to a road on which 2160 vehicles per day would be travelling (table 6.8)! That is 90 per hour. Nobody would be able to sleep through that lot!

During operations there will be 10 ash trucks per hour let alone all the other traffic.

I remain, as ever, opposed to the whole project!

I will make comments on other aspects as and when I get a chance to wade through the report/s.

Please acknowledge receipt of this email

Thanks

John Latilla

Ptn 64 Eenzaamheid

082 823 1658

(2)

ATTN: N TROD LINDIWE GAJKA
 Mess. Ntshani Strand.

Submission re proposed power station in Mithank area.

The infrastructure for the supply of water and electricity, sewerage, roads, refuse removal etc. by Kordlabeni local Municipality cannot meet present requirements. The additional demand created by the building of a large power station will cause chaos unless this situation is rectified.

Please indicate what pressure ESKOM is exerting on the Municipality to supply the necessary services.

Bear in mind that ESKOM and the associated mine will make a considerable contribution to the revenue of the Municipality.

J. D. SAUNDERS

COUNCILLOR J. D. SAUNDERS.

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30 November 2006

Ninham Shand Consulting Services

**PROPOSED COAL-FIRED POWER STATION AND ASSOCIATED
INFRASTRUCTURE IN THE WITBANK AREA:**

**Re: COMMENTS ON THE PUBLIC PARTICIPATION MEETING AT EL
TORO CONFERENCE CENTRE 28/11/2006 – 18H00 – 20H30**

This meeting was attended by two directors of Kendal poultry farm (Pty) Ltd to gain relevant and important information of the Draft Environmental Impact Report (DEIR). Before the presentation, Annexure 3, section I, Page H2, of the (DEIR) was viewed and a specific paragraph relating to poultry respiration and sulphur dioxide effects was highlighted (This will be emailed to us with sources – as per Ninham Shand). We will peruse the scientific and statistical data and obtain expert opinion. Please, also attach data/ statistics and any recent research available regarding dust pollution containing by-products from a coal fired power station and the effects on livestock, particularly poultry or birds. It is of great concern to us, even after previously expressing the facts of our situation and that Poultry is the biggest economic sector within agriculture, that you have totally excluded poultry from your investigation into agriculture. (Annexure 3 section Q).

We trust that accurate minutes of the meeting will be forwarded to us soonest, as many of the comments made need careful analysis.


We wish to add that we attend the meetings as affected and concerned parties. Kendal Poultry Farm (Pty) Ltd has been in this area for over 20 years and we employ between 120 – 160 people at any one time. Expansion of facilities has taken place for a number of reasons (see your minutes). The egg producing and processing unit is considered one of the finest in South Africa as per retail food safety audits. We have invested millions of rands in infrastructure, equipment, time and training. Hence, we are concerned, and public meetings must be used to express these concerns. It must be noted that six months ago we discontinued with our expansion programme in this area as we believe it would be irresponsible to continue building.

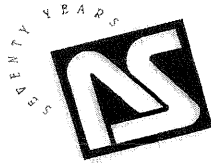
Karen Shippey on more than one occasion stated that Ninham Shand is not "legally" required to consult on an individual basis with affected parties (see your detailed minutes). Eskom must be aware that by involving the public (affected parties) in your process involves dealing with the affected parties in a reasonable, educational, and patient method.

We will attempt to download relevant information from your website and await your promised information.

Regards,

John Byrne
Director
Kendal Poultry Farm (Pty) Ltd
011 540 6300

No.:		File: 401281/R30		
Date:		01 Dec 2006		
	To	Seen	Act	Ct
BU/ Off.	initials			
	KS			
	LG			
	AW			



**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED COAL FIRED
POWER STATION AND ASSOCIATED INFRASTRUCTURE
IN THE WITBANK REGION**

**Response Form for comment by Interested and Affected Parties on
Draft Environmental Impact Report (DEIR)**

Please return this page to Ninham Shand via fax, post or email by **8 January 2007**

Attention: Lindiwe Gaika or Karen Shippey

Tel No: (021) 481 2400 Fax No: (021) 424 5588 Email: enviro@shands.co.za

Postal Address: P.O. Box 1347, Cape Town 8000

YOUR NAME: MNGWELU DAVID P

ORGANISATION (If applicable): SCHOOL (COSATU)

POSTAL ADDRESS: 1097 MABHOKO Street

PHOLA CODE: 2233

PHONE NUMBER: 083 424 2570 FAX NUMBER: 013 645 2467

PLEASE LIST ANY COMMENTS RELATED TO DRAFT EIR:

• Ash dust is a big concern to me. I would like to know what measures will the company take to ensure safety in health of the communities that are situated closer to the industry.

• Have you done a skill savey in OGIES and BALMORAL as these communities are the closest to the proposed site of industry. What will you do to ensure that they get skills.

• How will these communities be assisted when their health is affected

• I would like you to assist OGIES in finding a big shopping complex within, a big hospital and a big tertiary institution. People here travell at least 32km to one of the nearest above mentioned places

Thank you for your time



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TO:

No.:		File:		
Date: 27/11/2007		P: 01		
To		Seen	Act	Ct
BU/Off.	Initials			
	KS	<input checked="" type="checkbox"/>		
	LG			

ZOTHE CONSTRUCTION AND CLEANING SERVICES

WITBANK CELL 0769137363

NINHAM SHAND

ATT LINDIWE GAIKA

WE DECIDED TO BRING THIS REQUEST TO YOUR ATTENTION. OUR CONSTRUCTOR IS SITUATED IN WITBANK. WE HAVE GOT INTEREST TO PARTICIPATE AS **JOINT VENTURE CONTRACTOR IN A PROPOSED COAL-FIRED POWER STATION AND ASSOCIATED INFRASTRUCTURE IN THE WITBANK AREA.**

WILL U PLEASE REGISTER OUR CONTRACTOR FOR THAT PROJECT- WHEN YOU UPDATE ME REGARDING WITH A PROPOSED POWER STATION, USE MY FAX NO 013-2434948

YOURS FAITHFULLY

LESLIE NTETHE

CELL NO 0769137363

ZOTHE CONSTRUCTION AND CLEANING SERVICES

COMPANY REGISTRATION 2005-132233-23
INCOME TAX No. 9614507151

LIST OF SERVICES WE CAN SUPPLY

1. **CLEANING CHEMICAL AND LABOUR HIRE**
2. **BUILDING RENOVATION AND PLUMBING**
3. **GARDEN SERVICES**
4. **TRANSPORT SERVICES AND WELDING**
5. **DRY CLEANING SERVICES**
6. **ELECTRICAL CONTRACTOR**
7. **ELECTRICAL APPLIANCES**
8. **FENCING**
9. **TILING AND GLAZING**
10. **HARDWARE AND BUILDING SUPPLIERS**
11. **PAINTING CONTRACTOR**
12. **PAVING AND PLASTERING CONSTRUCTOR**
13. **REMOVAL OF REFUSE**
14. **CATERING AND DOMESTIC CLEANING**
15. **VEHICLE CLEANING SERVICES**

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From: Karen Shippey
To: Conradie, Renche
Date: 08/01/2007 09:42:25 AM
Subject: Re: Environmental Impact Assessment: Proposed New Coal-Fired Power Station and Associated Infrastructure

Dear Geoff

Thank you, we have received three documents entitled Environmental Impact Assessment Draft 1, Environmental Impact Assessment Draft 2 and Environmental Impact Assessment Draft 3 respectively. These comments will be included in our documentation and responded to in the report.

Thank you for your inputs. Best wishes for 2007.

Sincerely
Karen Shippey

Ms. Karen Shippey
Pr. Sci. Nat
(Certified Environmental Assessment Practitioner)
Associate: Environmental Department
Ninham Shand Pty Ltd
P.O.Box 1347, Cape Town 8000
Tel: 021- 481 2400 Fax: 021- 424 5588
Direct line: 021- 481 2502
Email: karen.shippey@shands.co.za

>>> "Renche Conradie" <accounting@fairacres.co.za> 28/12/2006 09:20:30 AM >>>

Karen,

Please see three attached letters for your perusal with regards to the Environmental Impact Assessment with comments from Kendal Poultry Farm.

Thank you,

Yours sincerely

Geoff Byrne

Renche Conradie

Tel. no. (011) 540 6315

Fax no. (011) 540 6333

Email: accounting@fairacres.co.za
<BLOCKED::mailto:accounting@fairacres.co.za>

Web: www.eggs.co.za

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Fairacres Products (Pty) Ltd.

PO Box 69386

Bryanston

2021

South Africa

CC: Gaika, Lindiwe

Environmental Impact Assessment Draft 1

Eskom's crisis in being unable to meet the growing National demand for electricity requires their management to make desperate decisions at short notice.

The proposed siting of the new massive Power Station some 7km north of the existing great Kendal Poultry Station will have extremely serious effect on our Poultry Producing Operations – Neighboring Sites “X” and “Y” as described to us

Our 5 affected properties are as follows:-

1. Portion 30, Klipfontein 567 JR
2. Portion 31, Klipfontein 568 JR
3. Portion 62, Kipfontein 566 JR
4. Potion 27, Klipfontein 566 JR
5. Portion 28, Klipfontein 566 JR

These are highly developed properties and NOT just ordinary chicken farms. The Poultry industry is the largest sector within the Agricultural Economy. We are engaged in the Table Egg Producing Food Chain which is accepted by the Agricultural and Environmental Authorities as INTENSIVE, and has given us permission to expand on the above mentioned properties.

Our operations are integrated and consist of:

1. PEDIGREE BREEDING; using the most genetically advanced blood lines from U.S.A.
2. REARING; The Day Old Pullet from the Breeding Programme is reared to 18 weeks of age.
3. EGG PRODUCTION; Hens laying over a 1 Year Cycle.
4. EGG GRADING, PACKAGING & PROCESSING. (Food Factory).
5. DISTRIBUTION & MARKETING
6. MAIZE PRODUCTION; The maize being the largest ingredient in producing our specialized poultry feed. The resultant poultry manure from chicken operations is efficient and economical fertilizer.

Environmental Impact Assessment Draft 2

These integrated Kendal operations form a leading company producing and marketing of eggs in South Africa under the well known Fairacres brand and can not easily be replaced.

The continuous output involves: 10.4 Million Fresh Eggs per month, supplying the major Food Retailers viz; Shoprite Checkers, Pick 'n Pay, Makro, Spar etc. We are the biggest supplier to the Catering Industry our customers being Fedics, Compass, Sodexo, Major Hotels etc.

PRODUCTION OF POINT OF LAY (18 Week Old) PULLETS; for Egg Production – 460,000 per annum.

PRODUCTION OF BREEDING EGGS (FERTILE) FOR HATCHING OF DAY OLD CHICKS i.e. 4,100,000 per annum from population of 26,100 Breeders.

PRODUCTION OF FRESH TABLE EGGS – 2,300,000 eggs per week from 410,000 hens which are graded, packed and distributed from the Pack Station.

This Pack Station is in fact a Food Factory and is subject to Independent Food Audits necessary to ensure Food Safety which is a high priority by Government Departments as well as Food Retail Chain Stores, Catering Groups, Hospitals, Hotels etc. Also this facility is one of the only Egg Pack Stations to achieve and maintain 100 % in this Audit.

Environmental Impact Assessment Draft 3

Socio Economic – The Situation involves a total staff compliment of 110 persons and also their many dependants. They are all deeply affected & concerned as to their future jobs and their health being situated so close to proposed Power Station. Some 30 staff reside on company's property other close by at Phola Township. Kendal Poultry is one of the largest employers in this area. Indirectly through contractors we give jobs to many other people viz: Building, Electrics, and Maize Harvesting etc.

Water Supply – We use in excess 1,000,000 litres of potable water per day. Apart from the high consumption by poultry, it is vital component for all aspects of production: including spray cooling, sanitation, regular cleaning, building etc. Many boreholes have been sunk to meet this demand with reservoir and tank storage of approximately 1.4 million litres. In addition we have constructed 3 large dams.

Business Disruption – May be expected in the near future. Should we have to close vital facilities this would have a sensitive impact of the supply of eggs especially in the growing high demand for eggs as a low cost high Protein food for the masses. Furthermore, it will be difficult to believe consumers of eggs will be favorable impressed with this fresh, pure food being produced in very close proximity to a massive power station. Our Fairacres brand which is highly regarded could be badly affected.

Result: Conclusion:

Eskom's construction and operation of such an enormous Power Station together with extensive open cast strip mining in very close proximity to Kendal Poultry Farms with a population of 666,100 birds and handling 124,000,000 eggs per year with an estimated value of the business at Rand 220 Million can have nothing but a very adverse affect on the future for Kendal Poultry Farms.



**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED COAL FIRED
POWER STATION AND ASSOCIATED INFRASTRUCTURE
IN THE WITBANK REGION**

**Response Form for comment by Interested and Affected Parties on
Draft Environmental Impact Report (DEIR)**

Please return this page to Ninham Shand via fax, post or email by **8 January 2007**

Attention: Lindiwe Gaika or Karen Shippey

Tel No: (021) 481 2400 Fax No: (021) 424 5588 Email: enviro@shands.co.za

Postal Address: P.O. Box 1347, Cape Town 8000

YOUR NAME: MOSES B. MHLIKO

ORGANISATION (If applicable):

POSTAL ADDRESS: 985 Madonsela Street Tycoon

Section Phola Township Ogies CODE: 2233

PHONE NUMBER: (0)31 645-0980 FAX NUMBER:

PLEASE LIST ANY COMMENTS RELATED TO DRAFT EIR:

- If the company can check the proper safety
for environment.

- Company should look that there is a enough
coal there

- How many machiner must work there.

- How many year will take to dig that draft or
the inddronment.

- Check how big is the inddronment.

Thank you for your time

Environ Dept

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SOUTH AFRICAN HERITAGE RESOURCES AGENCY

SABLE CENTRE, 11TH FLOOR, 41 DE KORTE STREET, BRAAMFONTEIN, 2001
P.O. BOX 67552, HOUGHTON, 2041
TEL: (011) 403 0683 • FAX: (011) 403 2509

OUR REF.: 09/02/213/001

YOUR REF.:

ENQUIRIES: Ms J Kitto

DATE: 8 January 2007

Brett Lawson
Ninham Shand Consulting Services
PO Box 1347
CAPE TOWN
8000

BY FAX.: (021) 424-5588

No.:		40128/ww/RA		
Date:		08/01/2007		
To	Seen	Act	Ct	
BU/Off.	Initials			
	PW			
	KS			
	WJ			

Dear Mr Lawson


EIA: PROPOSED COAL-FIRED POWER STATION AND ASSOCIATED INFRASTRUCTURE IN WITBANK AREA, ON THE BORDER OF GAUTENG AND MPUMALANGA PROVINCES

1. It is confirmed that an EIA report, including a Heritage Impact Assessment (HIA) for the above was received on 27 November 2006.
2. The following points were noted from both the EIA and HIA reports:
 - 2.1 two alternative sites were investigated during the EIA process (sites X and Y);
 - 2.2 various historic remains dating to the historic period were identified on both sites; these included 5 farmsteads/homesteads and 21 graves/cemeteries;
 - 2.3 there are fewer heritage sites on site X than on site Y;
 - 2.4 in terms of the overall environmental impact, site X appears to be marginally preferable to site Y.
3. SAHRA's initial comments on the EIA and HIA reports are the following:
 - 3.1 *photographs* of all the identified sites (including all graves/cemeteries) are lacking and are required to be provided;
 - 3.2 *more information on the Prinsloo, Joubert and Van Dyk families* associated with three of the four European farmsteads and four of the graves is required, especially since the HIA notes that the Prinsloo family "... played a significant role in the history of the region."

- 3.3 *details of oral history information* are also required as the HIA states that "... farm owners and workers were interviewed and with their help a number of sites were identified."
4. Receipt of the above required information will enable SAHRA to issue a final comment. Please note that since both structures and graves/cemeteries were identified, the information provided will have to be assessed by the SAHRA Built Environment and Landscapes Committee and the SAHRA Burial Grounds and Graves Unit. In order to facilitate a timeous response, the BGG Unit will be requested to provide comment at the BEL Committee meeting; the first of which is anticipated to be held at the end of January/beginning of February 2007.

Should you require any clarification, please contact us at the above telephone or facsimile number.

Yours Sincerely,



Jennifer Kitto
for MANAGER
GAUTENG OFFICE

Copy: J van Schalkwyk, National Cultural History Museum; by fax.: (012) 328-5173

From: Karen Shippey
To: Gaika, Lindiwe
Date: 09/01/2007 09:50:58 AM
Subject: Fwd: Draft EIR - Proposed Coal Fired Power Station - Witbank



Another comment for the issues trail -Kendal

Ms. Karen Shippey
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(Certified Environmental Assessment Practitioner)
Associate: Environmental Department
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Email: karen.shippey@shands.co.za

>>> "Joe McMahon Petronet DBN" <Joe.McMahon@petronet.co.za> 09/01/2007 08:04:10 AM
>>>
Hi Karen

Thanks for the opportunity to comment on the draft EIR.

Please refer to the attachment for my comment. This is the best that I could do in the limited time.

Hope it helps.

Kind regards

Joe

Comments on Draft Environmental Impact Report

for the Coal Fired Power Station – Witbank

Firstly, I would like to compliment Ninham Shand for a good quality report. It was a great pleasure reading through what I could. However, I believe that the timing of the report for I&AP's to comment is unreasonable as the report was issued just before the December holidays.

Further, the report has a substantial amount of detail i.e. the draft EIR consists of 150 pages with 13 Annexures of Specialist studies. It is almost impossible for a lay person, such as myself, to read through all this information in order to obtain a clear picture of the development and its associated impacts and how they will affect the receiving environment.

From the limited time available to review and comment on the document I have attempted to read as much of the report and specialist studies as possible so that I could make some meaningful comment. Please excuse me if I raise concerns on issues that may be covered in the report that I may have missed.

My comment is as follows:

1. Refer to 1.3 Legal Context

“...the National Environmental Management Act (No 108 of 1998) to read “...the National Environmental Management Act (No 107 of 1998).

2. Refer to 1.5.2 Limitations / gaps in knowledge

“In undertaking the Environmental Impact Report phase of this EIA process, the EIA team **and** utilized information available to it at the time of study.”

The word **and** can be deleted as it does not fit into the sentence.

Refer to the last sentence of this paragraph. I am not sure how this statement can be made. I believe that it is presumptuous and should not form part of the report. Should Ninham Shand believe otherwise, it will be appreciated if this reasoning can be explained.

3. Refer to 1.6.1 The EIA Phase – Last Para

Kindly advise the details of the Independent Review Consultant.

4. Refer to 2.2.1 Process Alternatives - (d) Ash disposal alternatives

Reference is made to collaboration between Eskom and the relevant mining house wrt the other methods of disposal of the ash.

Clarity is sought wrt this statement and the following:

- Has the method of disposal of the ash not been finalized?

- Has the EIA process dealt sufficiently with the other methods of disposal so that an informed decision can be made?

5. Refer to 5.3.3 Impact on health of surrounding communities – Synopsis of Health Risk Findings (Page 107)

Kindly confirm if the table reflecting the Impact of emissions on community health with emission controls for the Wet and Semi Dry FGD is complete

6. Refer to 6.2.3 Cooling Technology Alternatives

It is noted that Ninham Shand proposes that Direct Dry Cooling is recommended as an environmentally acceptable option despite the increased noise impact.

I am not sure how this decision was reached as when one looks at Table 6.2 an informed decision cannot be made with this limited information.

It is recommended that Table 6.2 be completed so that the table can project a clear picture of all the identified impacts.

Refer to Table 6.2. It is noted that the reference to the noise impact on the community health is recorded as N/A. Is this correct?



NINHAM SHAND
CONSULTING SERVICES

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**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED COAL FIRED
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IN THE WITBANK REGION**

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Tel No: (021) 481 2400 Fax No: (021) 424 5588

Email: enviro@shands.co.za

Postal Address: P.O. Box 1347, Cape Town 8000

YOUR NAME: BHEKI INNOCENT NDHLAHLA

ORGANISATION (If applicable): ANC

POSTAL ADDRESS: 83 Ngema Street, Ptoba

09125 CODE: 2233

PHONE NUMBER: 0834658440 FAX NUMBER:

PLEASE LIST ANY COMMENTS RELATED TO DRAFT EIR:

MPHATHI KANYE NOMGQINI SIKHLE NGIYA BIAGE
LETA NGOKUQALIBA NGOKUWIKHE OKUPHAWUKHE.
ENGOKULAYO NENGOKUSAYO YINAKHU OKUBANDI
LAGO UKUTHI UMSEKUPASHWA NGIBONE NGIBIZWA
NAMI OKWESIBIKI UKUTHI UMA KUVULEKA IZI
MAYINI NOMA KE YIMPHI UKUTHI UPHAKA NAKHO KU-

YANIPHO ENGOKUSAYO NGI UKUTHI KUBE YIMPU-
MHELE KONKI BENUKWENBAYO NGASELA UMA NGI
KHUMELELA OKUTHI NGI NGI NGI NGI NGI NGI NGI
SE NANGI I CELL PHONE 00731579650 NGIYAZOLISA
SA NGATENA EPHEZUKU ANEISAYISEBENGISI NGIYATHATA
ZA UMA LEKIZOMI HAMI LINGI NGI NGI NGI NGI NGI
MUSHO SINGI NGI NGI NGI NGI NGI NGI NGI NGI
NI KA 2007 SIYABONGA NGI NGI NGI NGI NGI NGI NGI
EKHONA NGIYABONGA YIMPHI ENGOKUWIKHE OKUPHAWUKHE
OKUTHI KINI BAPHATHI NAMI NGI NGI NGI NGI NGI

Thank you for your time



NINHAM SHAND
CONSULTING SERVICES

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ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED COAL FIRED POWER STATION AND ASSOCIATED INFRASTRUCTURE IN THE WITBANK REGION

Response Form for comment by Interested and Affected Parties on Draft Environmental Impact Report (DEIR)

Please return this page to Ninham Shand via fax, post or email by 8 January 2007

Attention: Lindiwe Gaika or Karen Shippey
Tel No: (021) 481 2400 Fax No: (021) 424 5588 Email: enviro@shands.co.za
Postal Address: P.O. Box 1347, Cape Town 8000

YOUR NAME: Sinaell Mkhosini Makhanya
ORGANISATION (If applicable): F.A.C.
POSTAL ADDRESS: 83 Ndema Str, Phola Tship
D915 2230 Phone (013) 6450155 CODE: 2230
PHONE NUMBER (013) 6450155 FAX NUMBER:

PLEASE LIST ANY COMMENTS RELATED TO DRAFT EIR:

Mphahleli Kanye Mkhosini zithale ngayo
kinyelela ngakuzithaba ngizwile akuzingyi
akuphambiliyo. Okungqalayo nakungqalayo
yo yilaku akulandelayo.
1. Bakuthi makuthi sekugashwa mangizibona
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2. Indlela engiyibonayo ukugashwa ngiyi
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Mingant khabula ngizungeka ngizungeka
nansi kaphahleli banti

Thank you for your time

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From: "Richard Worthington - Earthlife Africa" <richardw@earthlife.org.za>
To: "Karen Shippey" <Karen.Shippey@shands.co.za>
Date: Fri, Feb 9, 2007 3:08 PM
Subject: Comments from Earthlife Africa Jhb on the Witbank area Power Station & Northern Free State

Dear Karen

Are we properly registered as I&APs on the Witbank project?
I ask as we did not receive notification re release of the Draft Environmental Impact Assessment Report (sent 13 Nov according to draft report, although I do not see this letter of notification listed on the Eskom EIA website);
the last notification I can find is of the Draft Scoping report being available for comment.

We realise that the comment period has officially closed, but nevertheless raise the following concern, which we trust will be considered during preparation of the final report, as we consider this a fundamental issue - we thus formally request that this comment be included in the record despite the timing and given that we were not notified of availability of the Draft Report:

There appears to be no correlation between the assessment of likely emissions and the quality of coal being burned, yet the extent of emissions is to a fair degree dependent on mineral content (incl. heavy metals), ash and sulphur content, extent of pre-combustion treatment etc.
While it is assumed that coal will be supplied by the local mine and quality of the same will remain consistent, this may not in fact be the case (cf Majuba) and some kind of qualification of the findings in this regard seems necessary.

Furthermore, pre-combustion treatment options appear not to have been considered, yet they may offer more efficient pollution reduction or mitigation options.

We also still believe that consideration of alternative combustion technologies should be included within the EIA process; While I was assured by a colleague that a submission to this effect had been made, prior to the scoping report finalisation, I did not find a record of an ELA Jhb input on this issue in the 'Issues trail 3' doc - are there earlier docs with additional issues?

Please also provide update re
Free State Proposed Power Station;
last we heard was 8 Nov:

"The publishing of the draft report is therefore now scheduled for late January 2007 with the next round of public engagement in February 2007."

Please note that we believe that consideration of alternative combustion technologies should be included within the EIA process, including Integrated Gassification Combined Cycle (IGCC) technology, as well a coal pre-combustion treatment options.

Yours for a just transition to sustainable energy

Richard Worthington
Sustainable Energy and Climate Change Project Co-ordinator
Earthlife Africa Jhb
Ph: (011) 339 3662
Fax: 086 686 8434

-----Original Message-----

From: Karen Shippey [mailto:Karen.Shippey@shands.co.za]
Sent: 08 February 2007 02:10

To: Richard Worthington - Earthlife Africa
Cc: Tristen Taylor - Earthlife Africa; Ashwin West; Brett Lawson
Subject: RE: Comments from Earthlife on the Witbank area Power Station

Dear Richard and Tristen

Thank you for your response. We are currently updating the Draft Witbank area Power Station report based on the inputs and comments received. We anticipate submitting the final Environmental Impact Assessment Report to the authorities this month. All registered I&APs will be informed of the availability of the Final report.

Sincerely
Karen Shippey

Ms. Karen Shippey
Pr. Sci. Nat
(Certified Environmental Assessment Practitioner)
Associate: Environmental Department
Ninham Shand Pty Ltd
P.O.Box 1347, Cape Town 8000
Tel: 021- 481 2400 Fax: 021- 424 5588
Direct line: 021- 481 2502
Email: karen.shippey@shands.co.za

>>> "Richard Worthington - Earthlife Africa"
<richardw@earthlife.org.za> 08/02/2007 01:16:54 PM >>>
Hi & thanks

I'm afraid this has proven one too many so far, but we are still keen to participate in ret of process

please let us know current status and next anticipated step/timing

Tristen (CC) will be tracking the process

Yours for a just transition to sustainable energy

Richard Worthington
Sustainable Energy and Climate Change Project Co-ordinator
Earthlife Africa Jhb
Ph: (011) 339 3662
Fax: 086 686 8434

-----Original Message-----

From: Karen Shippey [mailto:Karen.Shippey@shands.co.za]
Sent: 17 January 2007 11:30
To: Richard Worthington - Earthlife Africa
Cc: Ashwin West; Brett Lawson
Subject: Comments from Earthlife on the Witbank area Power Station

** Reply Requested When Convenient **

Dear Richard

Happy 2007! I hope you had a good rest over the feastive season. Our discussion in December 2006 has reference. You requested additional time to submit your comment on the Witbank Area Power Station. During our discussion you agreed to submit the request in writing but we have not received anything from you in this regard. We did however agree verbally that Ninham Shand would be able to incorporate your comments if we received them before 22 January 2007.

I wanted to confirm the agreement and ask whether or not we should expect comments from you over the next few days.

Sincerely
Karen Shippey

Ms. Karen Shippey
Pr. Sci. Nat
(Certified Environmental Assessment Practitioner)
Associate: Environmental Department
Ninham Shand Pty Ltd
P.O.Box 1347, Cape Town 8000
Tel: 021- 481 2400 Fax: 021- 424 5588
Direct line: 021- 481 2502
Email: karen.shippey@shands.co.za

For disclaimer please visit <http://www.shands.co.za/disclaimer.html>

For disclaimer please visit <http://www.shands.co.za/disclaimer.html>

CC: "Tristen Taylor - Earthlife Africa" <Tristen@earthlife.org.za>, "Ashwin West" <Ashwin.West@shands.co.za>, "Brett Lawson" <Brett.Lawson@shands.co.za>, "Lindiwe Gaika" <Lindiwe.Gaika@shands.co.za>, "Mike Luger" <Mike.Luger@shands.co.za>

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From: "Meulenbeld, Paul" <PMeulenbeld@anglocoal.co.za>
To: "Lindiwe Gaika" <Lindiwe.Gaika@shands.co.za>
Date: Wed, Feb 14, 2007 2:01 PM
Subject: RE: EIA for the proposed coal fired power station in Witbank:I&APregistration

Good Afternoon Lindiwe

Thanks for the opportunity.

My concerns are:

1. Change in weather patterns around the power station as air pollution causes dry/wet nucleuses in the atmosphere. Reason for asking is that in my investigations one can see changes in rainfall patterns around operating power stations and east of Bronkhorstspuit is already a bit dryer than other areas around Bronkhorstspuit. The same has been observed around Matimba.
2. Internalisation of sulphate air pollution by ESKOM as farm fences have a high possibility to rust with increased sulphur loads in the atmosphere. Can people around a 20km radius of such new power station be beneficiaries in the new power station as this serves for compensation of annual deprecation of equipment? In this sense ESKOM can not be held liable for losses/damages of equipment as a beneficiary has to pay for it out of its annual ESKOM received fees.
3. Impact (water pollution) on the clean Wilge River.

Thanks for the opportunity. Looking forward to comments on these concerns.

Kind regards

Paul Meulenbeld
GH

-----Original Message-----

From: Lindiwe Gaika [mailto:Lindiwe.Gaika@shands.co.za]
Sent: 12 February 2007 10:28
To: Meulenbeld, Paul
Cc: Brett Lawson; Karen Shippey
Subject: RE: EIA for the proposed coal fired power station in Witbank:I&APregistration
Importance: High

** High Priority **

Dear Paul

Thank you very much for your response, however, we are nearly to the completion of the EIA process as I have mentioned to you in our previous correspondence. We are currently finalizing the Environmental Impact Report and is about to be printed out soon, and as a minimum you can submit your comments to us as soon as possible so that they can be included to an Issues Trail and then submitted to environmental authorities.

If you have any queries, please do not hesitate to contact us.

Regards

Lindiwe

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