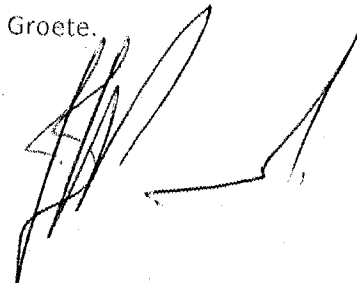


End

Indien Opsie 1 aanvaar word loop die kraglyn oor die Plaas Elandsdrift, waarop ek beswaar maak.

Om baie korrisspondensie en verwere ui te skakel, versoek ek u kantore om eers 'n besluit te neem oor waar die Kraglyn gaan loop. Mnr. Neels Heyneke het my ook in die verband gekontak. Hy sal my weer kontak sodra daar meer duidelikheid is.

Groete.

A handwritten signature in black ink, appearing to be 'J.J. Prinsloo', written in a cursive style with a long horizontal stroke extending to the right.

J.J. Prinsloo

Zelda van Zyl

From: Annelize [agrobler@landscapedynamics.co.za]
Sent: 01 March 2011 02:54 PM
To: 'Porta Verspeiders'
Cc: Zelda van Zyl
Subject: RE: Eskom Marble Hall NDP Projects:Wolvekraal-Moutse
Attachments: Marble_Hall Wolvekraal to Moutse_new_Route_1st_2nd_sections.pdf

Beste Madelien

Hiermee die voorgestelde roete-kaart soos belowe. Ek hoop ons sien julle more by die Ope dag – enige tyd vanaf 09:00 tot en met 14:00 by die boma op die sportvelde van die Laerskool Marble Hall in Skoolstraat in Marble Hall. Dit is 'n informele geleentheid waartydens ons as omgewingskonsultante tesame met Eskom amptenare en die onderhandelaar (wat namens Eskom direk met julle sal kontak maak) inligting aangaande die projek aan die publiek oordra. Dit is ook 'n geleentheid om die voorgestelde roete-opsies met potensieel geaffekteerde partye te bespreek.

Vriendelike groete
Annelize Grobler

Landscape Dynamics Environmental Consultants
PO Box 947; Groenkloof; Pretoria; 0027
Tel 082 566 4530 / 012 460 6043
Fax 012 346 2356 / 086 685 3822
E-Mail : agrobler@landscapedynamics.co.za

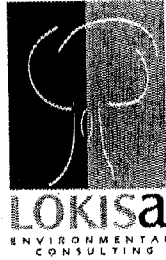
-----Original Message-----

From: Porta Verspeiders [mailto:portafin@midcom.co.za]
Sent: Tuesday, March 01, 2011 7:54 AM
To: agrobler@landscapedynamics.co.za
Subject: Eskom Marble Hall NDP Projects:Wolvekraal-Moutse

More Annelize,

Ons is van Plaas Rhenosterfonten 731KS. Kan jy asb vir ons 'n kaart deur stuur van waar die beplande lyn gaan loop.

Dankie
Groete
Madelien
Mark Pratt



23 March 2011 Our ref: Eskom Marble Hall NDP project: Wolwekraal to Moutse Your ref:

Landscape Dynamics
PO Box 947; Groenkloof; Pretoria; 0027
Tel 082 566 4530 / 012 460 6043
Fax 012 346 2356 / 086 685 3822
E-Mail : agrobler@landscapedynamics.co.za

Dear Madam

ESKOM MARBLE HALL NDP PROJECT: WOLWEKRAAL TO MOUTSE AND TRANSMISSION LINE

We act on behalf of the owner of Undara Investments (Pty) Ltd and write this letter to you according to our client's instructions.

Our client is the owner of the above properties being Portions of the farms Renosterfontein 731 KS, Tambootielaagte 733 KS and Claremont 734 KS over which a Proposed Transmission Line and a 132kV power line are proposed.

Our client is therefore a directly interested and affected party and has a real interest in the application.

Our client has a substantial interest as it is operating game a farm that will be severely affected by any decision taken in relation thereto.

1. Transmission Line

Our client was not afforded a reasonable opportunity to participate in the information and participation processes as described by the National Environmental Management Act (Act 107 of 1998) in the following aspects in terms of the Act and the Regulations relating thereto:

1. Our client is directly affected by the Transmission line for which authorisation is required and has not, as is required by Section 23(2)(d) been informed of any application for environmental authorisation.
2. Our client has not been informed as required by the Act and Regulations and therefore objects to the process as this is a peremptory requirement of the Act and Regulations which necessitates that the Applicant should in the circumstances be required to commence *de novo* with the application therefore informing all the relevant parties, as is required by the Act and Regulations.

LOKISA ENVIRONMENTAL CONSULTING CC
REG NO: 2006/217689/23
46 26th STREET, MENLO PARK, PRETORIA, 0081
P.O. BOX 219 GROENKLOOF 0027
TEL (012) 346 7655 / 8324 FAX (012) 346 6074, lokisa@lokisa.co.za
DIRECTOR: E HOLTZHAUSEN
www.lokisa.co.za

3. In terms of the Promotion of Administrative Justice Act, administrative processes should be fair and equitable.

In not advising our client of its intentions is contra the Regulations of the National Environmental Management Act, which would not constitute fair and administrative processes which would make any decision taken in ignorance of that fact reviewable in terms of the aforementioned Act. Should our client be successful on such review application, any decision taken by the Department may be set aside or be referred back to commence *de novo*.

In the interest of efficacy, it is proposed that the Applicant be directed to restart the whole participation process to allow our client, as provided for in the Act and Regulations, ample opportunity to study the necessary documentation and not be forced into a position whereby it must, after the facts try and protect its interests in the public participation process.

The alignment of this line is such that it falls across the eastern portion of the site whereby it causes the east on portion to be cut off from the remainder of the site. Not only will this area be cut of but the site has been subdivided into smaller portions (each with its own title deed) thereby providing owners the opportunity to own a piece of game farm that is part of a larger farm. The value of the subdivided portions will therefore be directly affected by the transmission line. Furthermore the main residence, that has been transformed into a lodge for international hunters, is situated within 500m from the proposed transmission line and will be affected by the visual impact of the line. A fact that would have been forthcoming if our client was informed of the application by the applicant.

2. Wolwekraal to Moutse 132kV Powerline

It is our understanding that several options with regard the route has been investigated and that the preferred alternative is to cut across our client's property along the southern boundary of Rhenosterfontein 731 KS.

This alignment falls across the most pristine portion of our clients property and will affect a dam situated on the south eastern portion of the farm Tambotielaaagte 733 KS. This dam is abundant with birds and the effect it could have on the birds have not been investigated.

Two groups of black vultures and white backed vultures are known to breed on the property and approximately 8 nests are situated in close proximity to the proposed alignment of the power line. A vulture kitchen has furthermore been in existence in close proximity to the nesting sites.

Roan Sable and Buffalo are also bred on the farm and there has not been cattle on the farm in the last 30 years. An application for the introduction of rhino has been approved and they are to be introduced to the farm during the current year.

A hunting lodge is also situated in close proximity to the proposed alignment which is regularly used to host international hunters.

It is therefore believed that the alignment will severely affect the nature of the site due to the clearance of the natural bush as well as the maintenance that will be required on a continual basis.

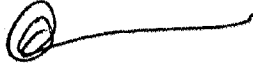
Our client proposes a new alignment over his site on the following conditions:

1. The transmission line be moved of the property and to follow the alignment of the existing railway line;
2. The existing 11kV power lines to be removed and provision made for power to the neighbouring properties in an alternative manner;
3. The 132kV line be placed along the southern and western boundary of the farm Slagboom 7 KS as per the attached proposal.

Please advise should you wish to undertake a site visit in order to investigate the alignment proposed by our client.

Your response is awaited.

Sincerely,

A handwritten signature in black ink, consisting of a circular loop followed by a long horizontal stroke.

Elaine Holtzhausen

Lokisa Environmental Consulting CC

Annelize

From: Elaine Holtzhausen [elaine@lokisa.co.za]
Sent: Wednesday, May 04, 2011 12:26 PM
To: 'Annelize'
Subject: RE: Marble Hall NPD Project for Distribution : Wolwekraal to Moutse - comment re Transmission Line from affected landowner

Annelize

Could you please advise whether you would require a site visit in order to obtain clarity on the new proposed alignment over Undara's property?

Also do you perhaps have any feedback on your e-mail dated 25 March 2011 to Solomon Tsolo?

Your help will be appreciated.

Elaine Holtzhausen

LOKISA ENVIRONMENTAL CONSULTING CC
REG NO: 2006/217689/23
46 26th STREET, MENLO PARK, PRETORIA, 0081 P.O.BOX 219 GROENKLOOF 0027 TEL (012) 346 7655 / 8324 FAX (012) 346 6074,
082 493 9616
elaine@lokisa.co.za
www.lokisa.co.za

From: Annelize [mailto:agrobler@landscapedynamics.co.za]
Sent: 25 March 2011 02:15 PM
To: Solomon Tsolo; Lucia Chauke
Cc: Elaine Holtzhausen; Anne-Marie Botha; Zelda van Zyl; Palesa Kuaho; Angelina Shalang
Subject: Marble Hall NPD Project for Distribution : Wolwekraal to Moutse - comment re Transmission Line from affected landowner

Dear Solomon

Our previous communication with regards to the proposed Marble Hall NDP Project for Eskom Distribution refer (Landscape Dynamics are the environmental consultants on this project).

Please find attached hereto the response received from Lokisa Environmental Consultants who act on behalf of Undara Investments (Pty) Ltd whose properties are affected by the proposed Distribution and Transmission powerlines planned for the macro area of Marble Hall. Please take note of their concerns and requirements with regards to the Transmission line. We would appreciate it if you could forward this communication to the relevant environmental consultants and negotiators who act on behalf of Eskom Transmission with regards to the proposed Transmission project. Anne-marie Botha (tel 082 788 7686) has been appointed to do the negotiations on behalf of Eskom Distribution and we recommend that you discuss the proposed amendment for the transmission route also with her – she has had some discussion with the landowner in this regard. Could you please copy us on feedback in this regard?

Kind regards
Annelize Grobler

Landscape Dynamics Environmental Consultants
PO Box 947; Groenkloof; Pretoria; 0027
Tel 082 566 4530 / 012 460 6043
Fax 012 346 2356 / 086 685 3822

10/3/2011

E-Mail : agrobler@landscapedynamics.co.za

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

From: Elaine Holtzhausen [mailto:elaine@lokisa.co.za]

Sent: Wednesday, March 23, 2011 11:08 AM

To: 'Annelize'

Cc: neilr@drivecon.net

Subject: RE: Wolwekraal to Moutse

Annelize

Attached please find a letter as response to the Open Day held on '2 March 2011 with regard the above.

Please acknowledge receipt of this mial.

Elaine Holtzhausen

LOKISA ENVIRONMENTAL CONSULTING CC

REG NO: 2006/217689/23

46 26th STREET, MENLO PARK, PRETORIA, 0081 P.O.BOX 219 GROENKLOOF 0027 TEL (012) 346 7655 / 8324 FAX (012) 346 6074,
082 493 9616

elaine@lokisa.co.za

www.lokisa.co.za

10/3/2011

Annelize Grobler

From: Annelize Grobler <agrobler@landscapedynamics.co.za>
Sent: 11 July 2011 06:33 AM
To: Elaine Holtzhausen
Cc: Anne Marie Botha (abotha@ampro.co.za); Angelina Shalang; Palesa Kuaho; Lucia Chauke
Subject: FW: Eskom Marble Hall NDP Project: Wolwekraal to Moutse and Transmission line
Attachments: Let01^L Chauke Response to Undara 01 07 11.pdf; invitation to public meetings.pdf; Mokopane Wolwekraal_Site Notices_2.pdf; site notices.pdf; Tracking numbers (3).pdf; image001.jpg

Importance: High

Dear Elaine

Please find attached hereto documentation for your attention with regards to the EIA process followed by the environmental consultants NEMAI on behalf of Eskom Transmission. You are kindly requested to take this matter further up with Nema Consulting and Ms Lucia Chauke from Eskom Transmission. We also trust that Anne-marie Botha is however still in the process of negotiating the route deviation with Eskom Transmission as proposed during our site meeting. Note however that we have been appointed by Eskom Distribution for the EIA of the Marble Hall NDP Project (Wolwekraal to Moutse where it concerns your clients' properties); therefore we can only do our best in putting forward your request in terms of the deviation of the proposed route of the Eskom Transmission line, but we cannot promise anything in this regard.

Kind regards
Annelize Grobler



Landscape Dynamics Environmental Consultants
Postal Address : PO Box 947; Groenkloof; Pretoria; 0027
Tel : 082 566 4530 / 012 460 6043
Fax : 086 685 3822 / 012 346 2356

From: Lucia Chauke [mailto:ChaukeLK@eskom.co.za]
Sent: 06 July 2011 10:20 AM
To: agrobler@landscapedynamics.co.za
Cc: Archibold Mogokonyane
Subject: Eskom Marble Hall NDP Project: Wolwekraal to Moutse and Transmission line

Dear Elaine

Please receive the response to your letter dated 23 March 2011 on the above-mentioned matter.

The attached documents are an indication of the public participation process that was followed.

Kind Regards,

Lucia Khanyisa Chauke
Eskom Holdings Limited
PDD – Land Development
Tel: 011 800 4427
Fax: 086 664 9842
Mobile: 082 874 5901
e-mail: luciachauke@eskom.co.za

I'm part of the 49Million initiative.

<http://www.49Million.co.za>

NB: This Email and its contents are subject to the Eskom Holdings Limited EMAIL LEGAL NOTICE which can be viewed at http://www.eskom.co.za/e-mail_legalnotice

Annelize Grobler

From: Annelize Grobler <agrobler@landscapedynamics.co.za>
Sent: 11 July 2011 06:43 AM
To: 'Lucia Chauke'
Cc: Elaine Holtzhausen; Anne Marie Botha (abotha@amppro.co.za); Angelina Shalang; Palesa Kuaho
Subject: RE: Eskom Marble Hall NDP Project: Wolwekraal to Moutse and Transmission line
Attachments: Marble_Hall Wolwekraal to Moutse_proposed and viable alt Jun 2011 A2.pdf; image001.jpg

Importance: High

Dear Lucia

Thank you for your response. Please note the attached map that indicates the proposed route deviation (in purple) as discussed between Anne-Marie Botha (the negotiator on behalf of Eskom Distribution) with the relevant Eskom Transmission official(s). We trust that this request would still be given serious consideration.

Kind regards

Annelize Grobler



LANDSCAPE
DYNAMICS

Landscape Dynamics Environmental Consultants
Postal Address : PO Box 947; Groenkloof; Pretoria; 0027
Tel : 082 566 4530 / 012 460 6043
Fax : 086 685 3822 / 012 346 2356

From: Lucia Chauke [mailto:Chaukel.K@eskom.co.za]
Sent: 06 July 2011 10:20 AM
To: agrobler@landscapedynamics.co.za
Cc: Archibold Mogokonyane
Subject: Eskom Marble Hall NDP Project: Wolwekraal to Moutse and Transmission line

Dear Elaine

Please receive the response to your letter dated 23 March 2011 on the above-mentioned matter.

The attached documents are an indication off the public participation process that was followed.

Kind Regards,

Lucia Khanyisa Chauke
Eskom Holdings Limited
PDD – Land Development
Tel: 011 800 4427
Fax: 086 664 9842
Mobile: 082 874 5901

TELEFAX TRANSMISSION COVER PAGE

LANDSCAPE DYNAMICS

(ENVIRONMENTAL CONSULTANTS)

Tel Number : (012)460-6043

Fax Number : (012)346-2356 / 086 685 3822

Cell No : 082 566 4530 (Annelize Grobler)

E-Mail : agrobler@landscapedynamics.co.za

Postal Address : PO Box 947, GROENKLOOF, Pretoria, 0027

Physical Address : 91 Wenning Street; GROENKLOOF, Pretoria, 0181

COMPANY : Grondciensaar
ATTENTION : Mev Hilda Howard
FAX NO : 086 547 9395
DATE : 27/07/2011
PAGES : 1 + 2

RE : Eskom Marble Hall NDP Projekte

Beste Mev Howard

Stem asb aangeheg die 2 kaarte
van die (1) Marble Hall MTS (by Kaasblaar)
na Wolvekraal (by Marble Hall) en
(2) ~~Mar~~ Wolvekraal (by Marble Hall) na nuwe
Moutse Substansie

Dit lyk vir my dat die Omdraaiers 24, 95 en
63 van die plaas Loskop-Noord nie
geaffekteer word nie.

Neem asb kennis dat die eerste bogenoemde
verslag volgende week ter insae by Kaasblaar
sal wees en die Moutse verslag teen

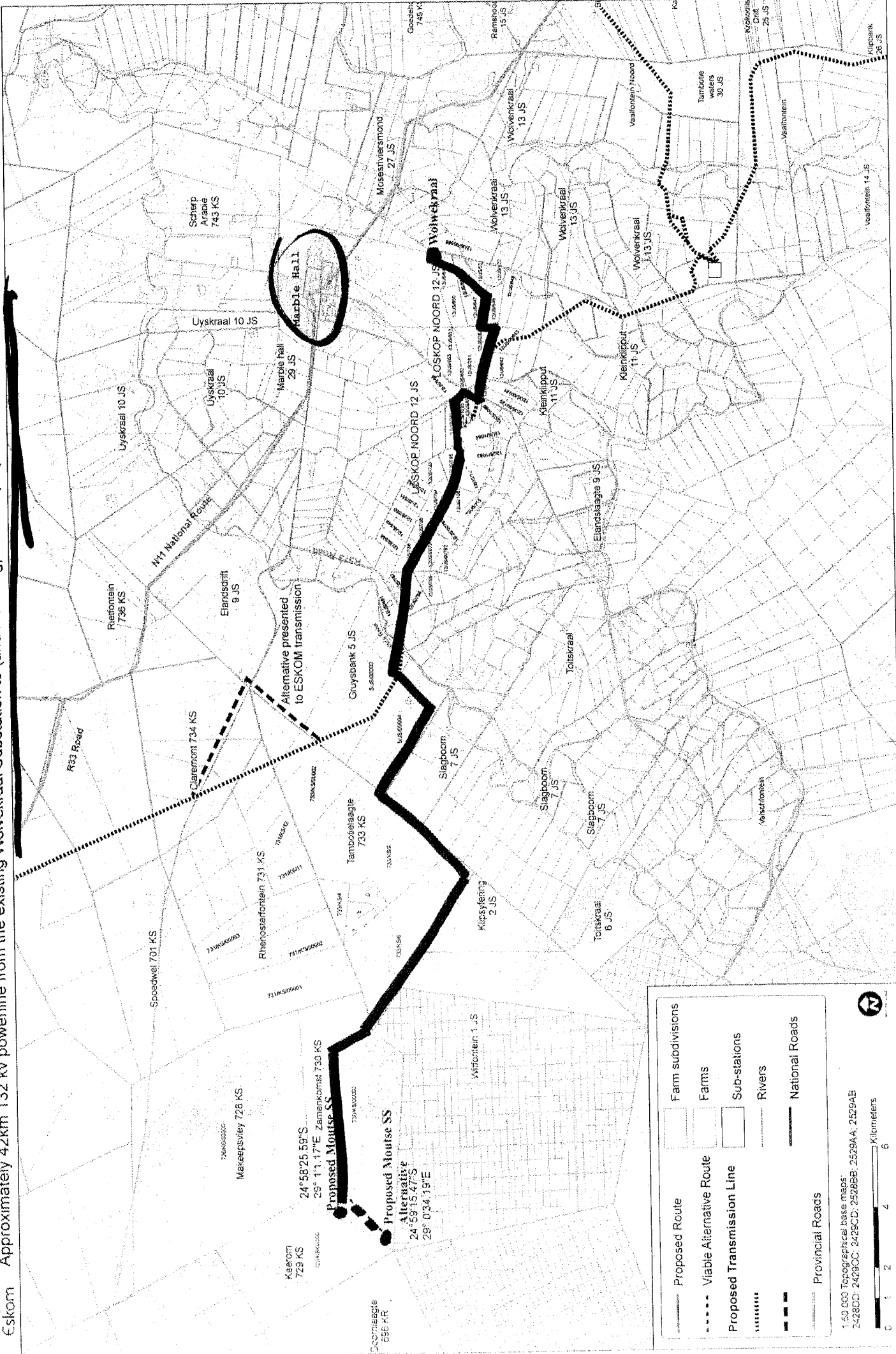
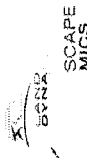
middel Augustus. Beide verslae sal A3-grootte
kleurplanne in hê vir u genief.

Vriendelike groete
Annelize Grobler



Eskom Marble Hall NDP Project - Proposed Route with Alternative

Approximately 42km 132 kv powerline from the existing Wolvekraal Substation to (and including) the new proposed Moutse Substation and viable alternative



Proposed Moutse SS
 24° 56' 25.59" S
 29° 1' 17" E Zamenkrossi 730 KS

Proposed Moutse SS Alternative
 24° 59' 15.47" S
 29° 0' 34.19" E

	Proposed Route		Farm subdivisions
	Viable Alternative Route		Farms
	Proposed Transmission Line		Sub-stations
	Rivers		National Roads

1:50,000 Topographical base maps:
 2428DD, 2428CC, 2428CD, 2528BB, 2528AA, 2529AB

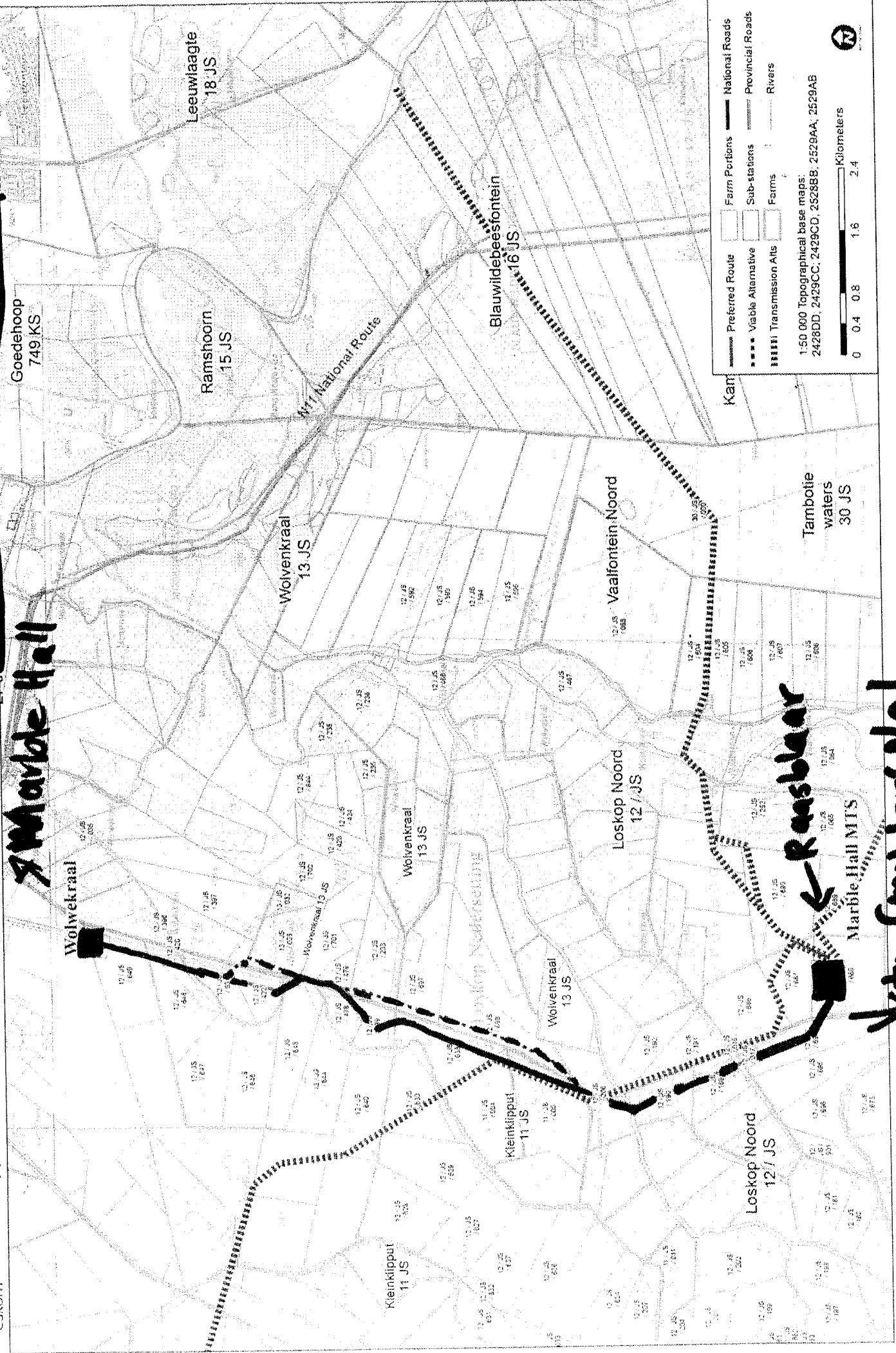
0 1 2 4 6 Kilometers

Eskom
 2014



Eskom Marble Hall NDP Project - Final Proposed Route with Viable Alternative

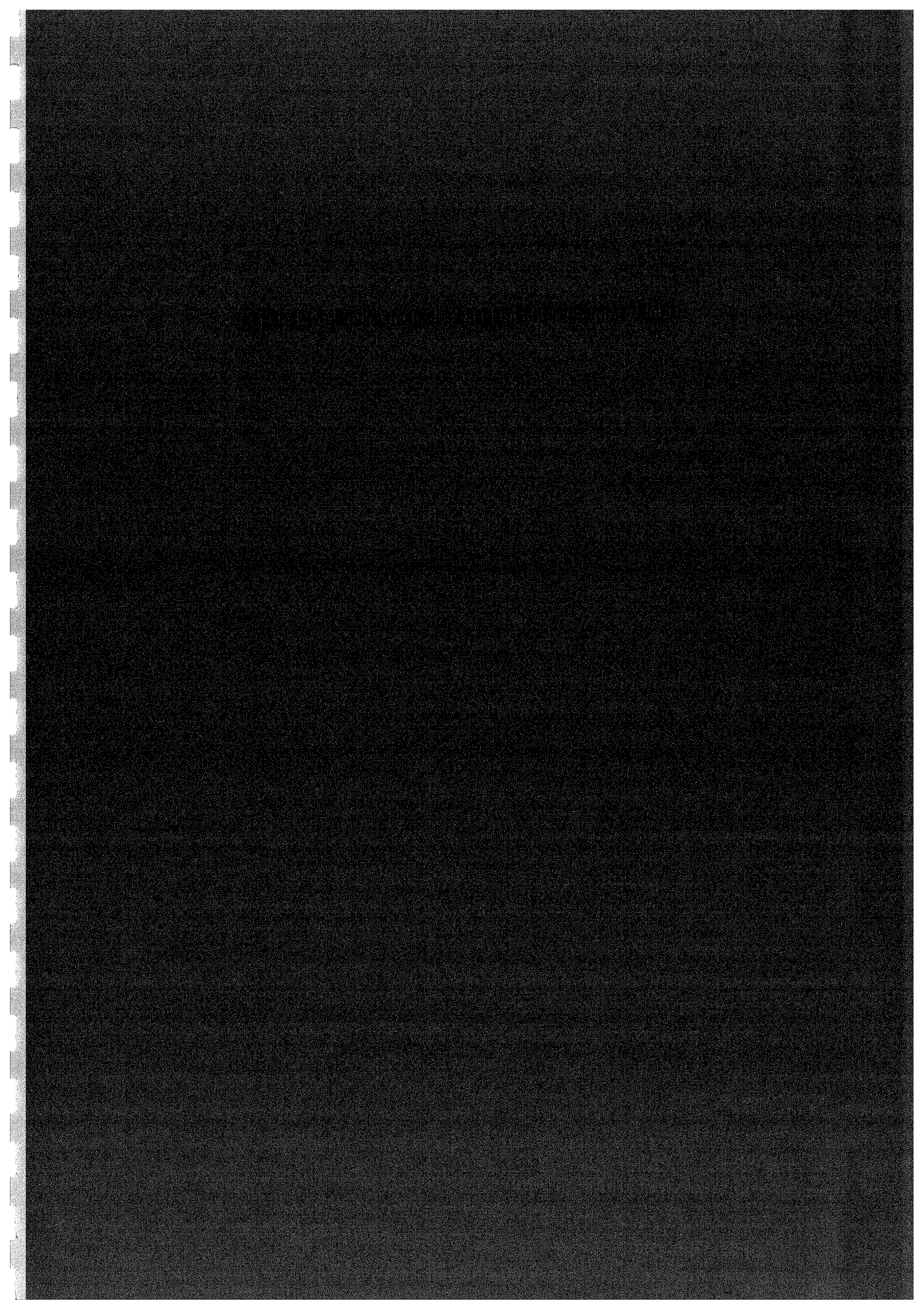
Approximately 14km 132kv powerline from the proposed Marble Hall MTS to the existing Wolvekraal Substation



PRINT DATE: 2007.07.27
 PRINT TIME: 14:20:00

TX RESULT REPORT

FUNCTION	No.	DESTINATION STATION	DATE	TIME	PAGE	COMM. TIME	MODE	RESULT
TX	1	0965A79995	27. JUL	14:20	3	05.1357111	FM	OK



I. OBJECTIVES OF THE ENVIRONMENTAL MANAGEMENT PLAN (EMP)

- The Environmental Management Plan has the following objectives:
- To state the standards and guidelines which Eskom will be required to adhere to in terms of environmental legislation;
 - To set out the mitigation measures and environmental specifications which Eskom will be required to implement for the construction phase of the project in order to minimize the extent of environmental impacts, and where possible to improve the condition of the environment;
 - To provide guidance regarding the method statements which Eskom will be required to compile and implement to achieve the environmental specification;
 - To define corrective actions which Eskom must take in the event of non-compliance with the specifications of this EMP;
 - To mitigate potential negative impact associated with the project and ensure optimising of positive impact
 - To prevent long-term or permanent environmental degradation;
 - To ensure that the applicant, construction workers and the operational and maintenance staff are well acquainted with their responsibilities in terms of the environment;
 - To ensure that communication channels to report on environment related issues are in place.

II. DETAILS OF THE PERSON WHO PREPARED THE EMP

This Environmental Management Plan was prepared by Landscape Dynamics cc, an environmental consultancy firm, established in May 1997. Their core business involves the execution of Environmental Impact Assessments that include the compilation of Environmental Management Plans for all of these projects. The team member responsible for this project and the compilation of the EMP is Annelize Grobler, a qualified landscape architect specialising in the field of environmental impact assessments.

III. DETAILS OF THE PROPOSED ACTIVITY

The project entails the construction of an approximately 42 km 132kv powerline from the existing Wolvekraal Substation to and including a new Moutse Substation with communication tower. The applicant is Eskom Holdings Limited, Land Development. The contact person is the Senior Environmental Manager in the Eskom Distribution, Witbank office

IV. LEGAL REQUIREMENT

The applicable legislation in terms of the environment refers to procedures prescribed by the provisions of the Environmental Impact Assessment Regulations, 2010, made under Section 24 (5) of the National Environmental Management Act, 1998 (Act No 107 of 1998).

The relevant applicable activities for which environmental authorisation had been applied are :

R544, 18 June 2010	Nr 10	The construction of facilities or infrastructure for the transmission and distribution of electricity outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts. A 132kV power line is being proposed.
R544, 18 June 2010	Nr 23	The transformation of undeveloped, vacant or derelict land to industrial or institutional use, outside an urban area and where the total area to be transformed is bigger than 1 hectare but less than 20 hectares; except where such transformation takes place for linear activities. A substation on a site of approximately 100mX150m is planned as part of the application.

V. DETAILS OF PERSONS RESPONSIBLE FOR IMPLEMENTATION OF EMP

The following undertaking must be filled out and signed by the applicant and forwarded to DEA prior to commencement of construction:

AGREEMENT & UNDERTAKING OF THE APPLICANT

I hereby confirm and state that I am aware of the contents of the Environmental Management Plan and the conditions of the Environmental Management Plan and shall comply with all legislation pertaining to the nature of the work to be done and all things accidental thereto.

Signed on behalf of _____

Date: _____

Place: _____

Signature: _____

Full Name: _____

Postal Address: _____

Physical Address: _____

Office Telephone Number: _____

AGREEMENT & UNDERTAKING OF THE ECO

The following details of the ECO must be filled out, signed and forwarded to DEA prior to construction:

Company Name: _____

Contact Person(s): _____

Physical Address: _____

Street Address: _____

Office Telephone Number: _____

Cell phone Number: _____

Fax Number: _____

V. PROPOSED MECHANISM FOR COMPLIANCE

Key impacts generally associated with ESKOM construction activities as again confirmed during the course of the Environmental Impact Assessment undertaken for this project are:

- Impact on natural habitat
- Impact on birds
- Impact on cultural heritage resources
- Visual Impact
- Risk of surface and groundwater pollution
- Risk of erosion
- Community Impact

Specifications and conditions are hereby provided to limit and/or prevent impact on these components during all the phases of project development, namely

- Specifications applicable throughout all Phases of Project Development
- Design & Pre-construction Phase
- Construction Phase
- Post-construction & Operational Phase

SPECIFICATIONS APPLICABLE THROUGHOUT ALL PHASES OF PROJECT DEVELOPMENT

Roles and Responsibilities

ESKOM

ESKOM is the applicant for the project. ESKOM will therefore be the entity monitoring the implementation of the EMP. The Contractor whom the construction tender will be awarded to will in terms of the tender documentation, be responsible to implement the proposed mitigation measures in this EMP on ESKOM'S behalf. ESKOM will:

- Be responsible for the overall implementation of the EMP in accordance with the requirements of the environmental authorisation, issues by DEA.
- Ensure that all third parties who carry out all or part of ESKOM'S obligations under the Contract comply with the requirements of this EMP.

Environmental and Health Training and Awareness

- ESKOM will ensure that its employees are adequately trained with regard to the implementation of the EMP, as well as regarding environmental legal requirements and obligations. All employees should have an induction presentation on environmental awareness. Where possible the presentation will be conducted in the language of the employees. The environmental training should, as a minimum, include the following:
 - The importance of conforming with all environmental policies, procedures, plans and systems;
 - The significant environmental impacts, actual or potential, which could result from their work activities;
 - The environmental benefits of improved personal performance;
 - The roles and responsibilities in achieving conformance with the environmental policy and procedures, including emergency preparedness and response requirements;
 - The potential consequences of departure from specified operating procedures
 - The mitigation measures to be implemented when carrying out their work activities;
 - The importance of not littering;
 - The need to use water sparingly;
 - Details of, and encouragement to, minimising the production of waste and re-use, recover and recycle waste where possible;
 - Details regarding archaeological and/or historical sites which may be unearthed during construction, and the procedures to be followed should these be encountered;
 - The procedures which should be followed should a grave or any other archaeological finds be encountered or unearthed during the construction phase;
 - Details regarding flora and fauna of special concern, including protected/endangered plant and animal species, and the procedures to be followed should these be encountered during construction.

Emergency Preparedness

- ESKOM'S environmental emergency procedures ensure that there will be an appropriate response to unexpected or accidental actions or incidents that will cause environmental impacts, throughout the life cycle of the project. Such incidents may include, inter alia:
 - Accidental discharges to water and land;
 - Accidental exposure of employees to hazardous substances;
 - Accidental void fires;
 - Accidental spillage of hazardous substances;
 - Specific environmental and ecosystem effects from accidental releases or incidents

The Emergency Preparedness Plan

- Construction employees shall be adequately trained in terms of incidents and emergency situations.
- An emergency preparedness plan will include details of the organisation (manpower) and responsibilities, accountability and liability of personnel.
- The emergency preparedness plan shall include a list of key personnel.
- Details of emergency services (e.g. the fire department, spill clean-up services, etc.) shall be listed.
- Internal and external communication plans, including prescribed reporting procedures shall be listed.
- Actions to be taken in the event of different types of emergencies shall be included.
- Information on hazardous materials, including the potential impact associated with each, and measure to be taken in the event of accidental release shall be listed.
- Training plans, testing exercises, and schedules for effectiveness shall be included.
- ESKOM will comply with the emergency preparedness, and incident and accident-reporting requirements, as required by the Occupational Health and Safety Act, 1993 (Act No 85 of 1993), the National Environmental Management Act, 1998 (Act No 107 of 1998), the National Water Act, 1908 (Act No 36 of 1998) and the National Veld and Forest Fire Act, 1998 (Act No 101 of 1998) as amended, and/or any other relevant legislation.

Spillages

- Streams, rivers and dams will be protected from direct or indirect spillage of pollutants such as refuse, garbage, cement, concrete, sewage, chemicals, fuels, oils, aggregate, wash water, organic materials and bituminous products.
- In the event of a spillage during the construction phase, the responsibility for spill treatment will be with ESKOM and ESKOM will be liable to arrange for competent assistance to clear the affected area.
- ESKOM will compile and maintain environmental emergency procedure, to ensure that there will be an appropriate rapid response to unexpected or accidental environmental related incidents throughout the life cycle of the project.
- The individual responsible for, or who discovers a hazardous waste spill must report the incident to the Engineer.
- The Engineer will assess the situation in consultation with the SECO and act as required in all cases, the immediate response will be to contain the spill. The exact treatment of pollutes soil/water will be determined by the Engineer in consultation with the SECO. Areas cleared of hazardous waste will be re-vegetated.
- Should water downstream of the spill be polluted, and fauna and flora show signs of deterioration or death, specialist hydrological or ecological advice must be sought for appropriate treatment and remedial procedures to be followed. The costs of containment and rehabilitation will be for ESKOM's account, including the costs of specialist input.

During an emergency situation, the following will apply

- No person shall be allowed to approach a spill, fire, etc. unless he/she is equipped with the personal protective clothing and equipment.
- The risk involved shall be assessed before anyone approaches the scene of the incident with the emergency response plan.
- A written report shall be and forwarded to the relevant environmental authority within 24 hours of the incident.
- Any known or discovered spillage of toxic substances into a stream or river should be followed by immediate monitoring of the receiving streams and rivers.

- If a leakage or spillage of hazardous substances occurs as a result of ESKOM's activities or other users, the local emergency services will be immediately notified of the incident. The following information must be provided:
 - The location;
 - The nature of the load;
 - The status of the site of the accident itself (i.e., whether further leakage is still taking place, whether the vehicle or the load is on fire, etc.);

Written records of the corrective and remedial measures decided upon, and the progress achieved therewith over time, must be kept. Such progress reporting will be important for monitoring and auditing purposes. The written reports may be used for training purposes in an effort to prevent similar future occurrences.

- The adjacent landowners will be informed and/or involved in case of any fire.
 - It must be ensured that the basic fire fighting equipment is supplied to all living quarters, site offices, kitchen areas, workshop areas and stores.
 - Welding gas cutting or cutting of metal will only be allowed inside the working/demarcated areas and with appropriate fire fighting equipment at hand.

• **Checking and Corrective Action**

- Non-compliance with the specifications of the EMP constitutes a breach of Contract for which ESKOM must be immediately notified accordingly. ESKOM will be deemed not to have complied with the EMP if:
 - There is evidence of contravention of the EMP specifications within the boundaries of the construction site, site extensions and access roads;
 - There is contravention of the EMP specifications which relate to activities outside the boundaries of the construction sites;
 - Environmental damage ensues due to negligence;
 - Construction activities take place outside the defined boundaries of the site;
 - ESKOM fails to comply with corrective or other instruction.
 - Non-compliance will be dealt with in terms of the contract documents signed by the various parties.

• **Monitoring**

Monitoring will be undertaken as and when required. Any incidents that might have a detrimental impact on the environment will be investigated and the environmental monitoring will be conducted. Complaints received will be checked through verifiable monitoring.

• **Inspections**

Ongoing visual inspections will be conducted daily by the SECO. The SECO will spend time on site on the lookout for any unsafe acts and activities that transgress the requirements as specified in the EMP to define what action shall be taken to rectify the problem and prevent its recurrence.

• **Written instructions**

Written reporting will be given following an audit. The written instructions will indicate the source or sources of the problems identified on site and propose solutions to those problems. The implementation to solutions will be assessed in a follow-up audit and further written instructions issued if required. Maximum allowable response time is 4 working days.

- An independent Environmental Control Officer (ECO) must be appointed by ESKOM prior to commencement of construction and DEA must be notified of such an appointment.
- The key responsibility of the ECO is to ensure that all the conditions stipulated in the Environmental Authorisation (EA) are being adhered to and should monitor project compliance with the conditions of the Environmental Authorisation, environmental legislation and the recommendations of the EMP.
- The ECO must liaise with the SECO and/or attend site meetings where applicable and where necessary inspect the construction site on a regular basis to ensure that the mitigation and rehabilitation measures are applied.
- The ECO might make reasonable amendments to the EMP in co-operation with the contractor and the SECO. Penalties for non-compliance must be enforced.
- The ECO shall remain employed until all rehabilitation measures, as required for implementation due to construction damage, are completed and the site is handed over to ESKOM by the contractor for the operation.

ENVIRONMENTAL CONTROL OFFICER

- The SECO will be responsible for monitoring, reviewing and verifying ESKOM'S compliance with the EMP. The SECO'S duties in this regard will include, inter alia, the following:
 - Ensuring that all the environmental authorisations and permits required in terms of the applicable legislation have been obtained prior to construction commencing;
 - Monitoring and verifying that the EMP and environmental authorisation are adhered to at all times and taking action if specifications are not followed;
 - Monitoring and verifying that environmental impacts are kept to a minimum;
 - Assisting ESKOM in finding environmentally responsible solutions to problems;
 - Keeping accurate and detailed records of all activities on site;
 - Inspecting the site and surrounding areas on a regular basis with regard to compliance with the EMP and environmental authorisation;
 - Monitoring ESKOM'S undertaking to provide environmental awareness training for all new personnel on site.

SITE ENVIRONMENTAL CONTROL OFFICER

- ESKOM will nominate a knowledgeable member of staff on site who will be responsible for the implementation of the Environmental Management Plan as well as the arrangement and maintenance of all traffic accommodation measures required for the duration of the contract. The SECO will oversee the construction phases of the project and will ensure that all environmental specifications and EMP requirements are met at all times. The SECO will report to the Engineer in an advising capacity.
 - Ongoing feedback on the environmental performance of the project.
 - A complaints' register needs to be opened and maintained by the SECO. The register will contain the contract details of the person who made complaints and information regarding the complaint itself, including the date of submission.
 - Timeous advanced warning of any project activities that may have some impact on the surrounding communities i.e. blasting.
 - Ensure that the following is affected:
 - Throughout the project, ongoing liaison will be maintained with authorities and communities alike to ensure that the following is affected;
 - Environmental Management Act, 1009 (Act No 107 of 1998).
- Liaison
 - ESKOM will comply with the requirements for public consultation as required by the National Environmental Management Act, 1009 (Act No 107 of 1998).

- Any conservation authority/institution as listed in the List of Interested and Affected Parties for the project should be allowed reasonable access to the construction site on request and arrangement with the ECO, the SECO and the Contractor.

DEPARTMENT OF WATER AFFAIRS

This Department of Water Affairs has confirmed rights to inspect the project at any time to ensure compliance with relevant legislation.

SITE SPECIFIC REQUIREMENTS

The SECO and the Contractor will visit each landowner prior to commencement of construction on his/her property. The list of specific requirements tabled below will be confirmed as well as any site specific issues relating to the relevant properties.

The following will specifically be confirmed:

- Access route.
- Locality of ESKOM gates.
- Relevant width of servitude clearing required (minimum 4 meters and maximum 70 metres).
- Magnitude of servitude clearing; i.e. selective clearing according to minimum requirements or clearing of entire servitude.
- Method of clearing; i.e. manually and/or with herbicides (no bulldozers will be allowed on any property in the absence of a written agreement between the landowner and ESKOM).
- Confirm specifically whether herbicide may be used for bush clearing and maintenance purposes.
- Confirmation must be received in terms of what should happen with tree cuttings. For instance should it be stacked on the property for firewood (if so, where) or should it be removed.

Note that all gates will, as per requirement confirmed during the Community Consultation Process for this project, be proper gates. This includes all gates that need to be replaced as well as new gates.

- The following specific requirements as identified during the EIA process (communicated by the landowners as well as identified in the specialist investigations) need to be taken due cognizance of and proposed mitigatory measures have to be implemented:
- A detailed schedule (inclusive of postal addresses and/or tax and e-mail numbers) of affected landowners and other key stakeholders are included as the Register of Affected Landowners in Appendix G of this document.
 - The applicable Emergency telephone numbers should always be available on site. It is advised that the contact details of Agri South Africa as well as the District Agricultural Union also be kept at hand for emergency purposes.
 - A copy of this EMP must be submitted to relevant landowners should they request it. They can assist ESKOM in assuring that the contractor adheres to rules as stipulated and that mitigation and rehabilitation measures are applied.
 - In order to prevent and/or minimise crime, it is required that all construction workers be supplied with controlled serviced accommodation or be supplied with transport to their homes.
 - Construction workers should wear clearly identifiable clothing that allows for easy recognition of contract workers on site.

Specific statements and requirements from the directly affected landowners that require appropriate consideration and adherence are the following :

Mr LJ De Beer (Landowner Portion 1050 Loskop-Noord 12-JS, Chairman of the Geloftees Komitee)

He confirmed that they do not object against the proposed powerline, however, it is important that the line must not be situated closer than 100metres from the community hall. Alternatively the land may be purchased at a price of R3,6 million.

Mr Johan Cillie (Portion 6 of Tambotielaelaagte 733-KS, Marssonita)

He stated that it is a requirement that there must be a new electrified game fence erected on the eastern side of the servitude. The entire servitude must be cleared and the wood must be stacked for his use in an area to be indicated once specific negotiations take place.
Mr Cillie was informed by the Environmental Consultants that no promises could be made in terms of the requirement for an electrified game fence, however, all the requirements would be forwarded to AMP Negotiators, Ms Anne-marie Barnard, who would negotiate reasonable terms on behalf of Eskom.

Mr PJ Van Heerden (Portion 785 of Loskop-Noord 12-JS)

He had the following requirements :

- the powerline must be high enough so that it could not interfere with giraffes
- wood from debushing and maintenance must be placed in neat piles for his use
- he must be informed everytime before Eskom requires access to his property
- all alien invasive plants, specifically the 'blouhaak' in the servitude area must be controlled
- he requires that contact details (name and telephone numbers) of an Eskom representative and the construction team be provided to him
- he requires that no excavations may be left open for longer than 12 hours
- Construction may only take place between 07:00 in the mornings and 17:00 in the afternoons on normal working days. No contractors would be allowed over week-ends.

Mr Deon Hough, also on behalf of his brother Joggie (Portions 890 and 1085 Loskop-Noord 12-JS)
Mr Hough confirmed that the powerline could run along his fence as proposed to him. He also requested that, except for a selective few trees to be indicated on site to Eskom, the servitude should be cleared completely. He also requested that the sicken bush must be removed from the servitude area and must be stacked in a place to be indicated to Eskom to ensure that tyres would not be affected.

Mr Eric van Rensburg (Portion 0 of Grysbank 5-JS)

The powerline must be high enough so that his giraffes would not be affected. The proposed Distribution line must run as close as possible to the border fence and the proposed Eskom Transmission Line. Once the Eskom Transmission line turns towards the north, the Distribution line towards the west must move closer to the fence line.

Mr JA De Bryn (Portion 786 of Loskop-Noord 12-JS)

Mr De Bryn was concerned that the proposed line would impact on the land value of his property and that purchasers are not interested in land with Eskom servitudes thereon. He stated that nothing would prevent Eskom from constructing further lines on his property.
The negotiator on behalf of Eskom must ensure the best reasonable compensation possible.

Mr Fanie Oosthuizen (Portion 351 of Loskop-Noord 12-JS)

He requested that only selective bushing must be done and that the wood must be stacked in a place determined by him for his use. No contractors or personnel may hunt or place animal traps on his property. Access would be allowed on his property only during normal working hours. All communication must be done via his daughter Mrs Suzette Potgieter, tel 082 498 4776.

They require that the line may not impact on their existing dam with associated birdlife; vulture breeding nests; game (sable antelope, buffaloes, and potentially rhinos in the near future), as well as their hunting lodge. They also require that reasonable consideration be given to the removal of some of the existing 11kV lines and structures that are no longer required on their property. Reasonable compensation in terms of the servitude and reasonable servitude requirements must be negotiated with them.

DESIGN AND PRE-CONSTRUCTION PHASE

ENVIRONMENTAL SUPERVISION

ESKOM Distribution, the SECO and the ECO must inspect the construction site on a regular basis (during pre-construction, construction and post-construction periods) to confirm the current state of the site and to ensure that the mitigation and rehabilitation measures are applied as specified in the EMP. These officers might make reasonable amendments to the EMP in co-operation with the contractor.

DESIGN

- The engineering drawings must adhere to any site-specific mitigation measures supplied by a geotechnical engineer for the project in order to accommodate the geotechnical and earth-scientific constraints in terms of founding and construction methods, construction materials, excavation, etc.
- The final design of the powerline must accommodate the requirements of the landowners as communicated during the Community Consultation Process to be confirmed during servitude discussions between ESKOM and the affected landowners.
- The final design of the powerline must accommodate the requirements of the ecologist, Dr LH Brown, tel 082 464 1021.
- The pylons must be placed outside the 1:100 year floodline level or outside 32 metres from the centre line of the river or stream, whichever is the largest distance, at all river and stream crossings along the powerline route. The Elands River is of specific importance in the study area of this for this project.
- A Heritage Impact Assessment was undertaken by Archaeos Culture & Cultural Resource Consultants (Dr. A.C. van Vollenhoven & Anton J. Peiser - 083 291 6104). No sites of archaeological significance were identified.
- The design of the structures should also accommodate mitigation measures to minimise risk to the bird impact (as per specifications of Mr Chris van Rooyen, tel 082 454 9570). Sufficient funds must be budgeted for to implement these requirements that are the following:
 - For the restriction and/or prevention of bird colliding with earth wire
 - The spans that run parallel to and cross the Elands River must be marked with bird flight diverters on the earth wire of the line, five metres apart alternating black and white (refer to the Sensitivity Map in Appendix B of the Bird Impact Study included in the Final Basic Assessment Report for the area to be marked).
 - For the restriction and/or prevention of electrocution of birds

- Some species of indigenous trees are present in the vicinity of the proposed powerline route and are protected by law in terms of the Forest Act (Act 122 of 1984). Authorisations for cutting, trimming or removing of these protected trees must be obtained prior to commencement of construction in the relevant area.
- Of specific importance as identified by the ecologist in this project is the occurrence of the protected *Sclerocarya birrea* and *Sprostachys africana* that occur close to the fence line in

Forest Act (Act 122 of 1984)

Additional information with the latest requirements in terms of water use applications are supplied on the Departments' website, www.dwae.gov.za. Landscape Dynamics Environmental Consultants (tel 012 460 6043 / 082 566 4530) can also be contacted to handle the relevant water use license application(s).

The water use license applications, if applicable, have to be submitted to the Chief Director, Regional Office, Mpumalanga.

It is envisaged that all pylons will be constructed outside the 1:100 year floodline of all watercourses. It should however be noted that if it becomes required that any construction activities does have to take place within the 1:100 year floodline of a watercourse, authorisation from the Department of Water Affairs would be required before development may take place. Locality maps that show where the development will affect the watercourse as well as a description of how it would be affected need to be submitted to the relevant office together with the license application to undertake such a development. The applicable relevant activities are described as Section 21(i) as "Altering the bed, banks, course or characteristics of a watercourse" and Section 21(c) "Impeding or diverting the flow of water in a watercourse".

The National Water Act (Act No 36 of 1998)

COMPLIANCE WITH SPECIFICALLY IDENTIFIED LEGAL REQUIREMENTS

- ESKOM must strive to cause as little as possible damage to any agricultural products within the servitude area, i.e. through sensitive placement of pylons.
- The final route design must address potential risk to aircraft – due cognizance must be taken of private landing strips. Clear markers have to be placed on conductors in high risk areas.
- The proposed structure for the pylon must be a monopole galvanised structure that has been designed to limit visual intrusion.
- In order to prevent the electrocution of any birds on the pylons, all pylons should be fitted with a standard type, ESKOM approved "bird perch" at the top of the pole. This will provide ample safe perching space for any birds well clear of the dangerous hardware. It will draw particularly vultures away from the potentially risky insulators to reduce the chance of electrocution.
- For the restriction and/or prevention of disturbance to birds and destruction of their habitat
 - All dismantling, construction and maintenance activities must be carried out according to best environmental practice principles so as to minimise habitat destruction (see in this respect the ESKOM Environmental Procedure, EPC 32-96). In particular, care is to be taken not to impact on riverine vegetation in any way, and the unnecessary removal of large trees are not allowed (see also in this respect the Procedure for Vegetation Clearance and Maintenance within ESKOM owned land, EPC 32-247).

- the proposed vicinity of the power line on the game farms along the western section of the proposed line.
- Once the final route for the powerline is pegged a survey of protected trees must be conducted. All trees must be mapped with a GPS to ensure that necessary permits for removal, cutting or trimming are acquired before any construction can take place.
- Relevant permits should be obtained from the relevant provincial office of the Department of Agriculture, Forestry and Fisheries (previously referred to as the Department of Water Affairs). Enquiries regarding such permit applications can be made to the following addresses:

Assistant Director, Izak van der Merwe
Tel: (012) 336 7731; Email: ldg@dwa.gov.za

Or
Assistant Director: Forest Regulation, Ephraim Monyemoratho
Tel: (012) 336 7140; Email: lai@dwa.gov.za

- Due cognisance must be taken of the latest forms and regulations currently available on the following website link : <http://www2.dwa.gov.za/webapp/SustainableProtectedTrees.aspx>
 - Application for a license regarding Protected Trees
 - Protected Trees Species list, 2007
 - Criteria & Framework for application of Legislation on Protection of Indigenous Tree Species, 2000

The Conservation of Agricultural Resources Act, 1983 (Act No 43)

- Alien and/or invasive species could be divided into three categories, namely Category 1 (must be removed); Category 2 (must be removed or a permit must be obtained); and Category 3 (permit must be obtained to trade with these species).

The National Heritage Resources Act (Act 25 of 1999)

- The South African Heritage Resources Agency, generally requires that, in the unlikely event that any graves are discovered during the construction period, they be left *in situ*, avoided by the proposed development. The graves should be restored where these are dilapidated, protected and be conserved in perpetuity. A proper fence must be built around them including entry gates to allow visitors and family friends. The fence must be placed 2 metres away from the perimeter of the graves. No development is allowed within 15m from the fence surrounding the graves.
- Should any evidence of artifacts, palaeontological fossils, graves or other heritage resources be found during the course of the development, SAHRA must immediately be alerted. The contact details are :

The APM Unit : South African Heritage Resources Agency
For attention : Mr Phillip Hines

Tel: 021 462 4502
Fax : 012 462 4509

All development activities must be halted and SAHRA would probably require that an archaeologist accredited with the Association for Southern African Professional Archaeologist (ASAPA) be appointed to determine appropriate mitigation measures for the discovered finds. This may include obtaining the necessary authorisation (permits) from SAHRA to conduct the mitigation measures.

COMMUNITY ISSUES

- ESKOM representatives must liaise personally with all directly affected landowner prior to any construction activities taking place. The objectives of this liaison will be the following:
 - To identify the most effective time schedule for construction activities to take place on the applicable properties;
 - To confirm site-specific requirements as identified during the EIA process;
 - To identify any additional site-specific issues with reasonable mitigatory measures that had not been identified and documented during the Public Participation Procedures of the Basic Assessment process undertaken for this project;
 - To update the contact details of affected landowners in case that access to properties are required for both maintenance and emergency situations;
 - To confirm contact details of the Contractor and ESKOM representatives to ensure effective communication during the construction and operational phases of the project.

EDUCATIONAL PROGRAMMES

An environmental education programme should be followed to ensure that the construction workers are well aware of relevant issues such as

- the purpose of conservation of the natural environment;
- the restriction on cutting of firewood from the veld;
- pollution control and waste management;
- Rules to curb social pathologies (prostitution, drunkenness, theft);
- HIV/Aids prevention.

CONSTRUCTION SITE

- Accommodation for labourers must either be limited to guarding personnel on the construction site (with labourers transported to and from existing neighbouring towns) or a separate fenced and controlled area where proper accommodation and relevant facilities are provided.
- The location of the construction site must be negotiated with the relevant landowner and specifications of the landowner must be adhered to.
- The construction site office and storage areas for material and equipment must be fenced in to prevent impacts and human interference to spread further than the site.
- Storage facilities for construction equipment must be provided for.
- Encourage the construction contractor to employ local people as far as is reasonably practical and encourage the contractor to transport them daily to and from the site. This would reduce solid and liquid waste production and water demand at the site camps.
- Contractors should develop a comprehensive site camp management plan. This should apply even in the case of the limited accommodation camps discussed above.
- Plan site campsites an appropriate distance from any facility where it can cause a nuisance.
- Minimise on-site storage of petroleum products.
- Ensure proper maintenance procedures in place for vehicles and equipment.
- Servicing of vehicles to be in designated areas with appropriate spill management procedures in place.
- Ensure measures to contain spills readily available on site (spill kits).
- Sufficient ablution and proper cooking facilities must be provided at the site camp.
- Deposit solid domestic waste in containers and dispose at municipal waste disposal sites regularly.
- Dispose of liquid waste (grey water) with sewerage.
- Install appropriate facilities at the campsite. Preferably utilise municipal systems (conservancy tanks with periodic removal) or chemical toilets.

Environmental Management Plan

- Chemical toilets should be located outside the 1:100 year flood line level or 100m horizontal distance (whichever is the largest) from any watercourse.
- Ensure compliance with stringent daily clean up requirements of site camp inert waste (waste concrete, reinforcing rods, waste bags, wire, timber etc) and dispose at municipal waste disposal sites.
- Fire breaks must be constructed on the inside perimeter to prevent fires from spreading from the site as well as fires entering the site from adjacent land in accordance with the ESKOM Standard SCASAAJ6: Rev 0, Distribution of Fire Risk Management.

FIRE MANAGEMENT PLAN

- A fire management plan must be identified, implemented and maintained, commencing prior to construction and maintained throughout the operational phase. The following additional measures must be included:
- No fires may be made for the burning of vegetation and waste.
 - No open fires are to be made on site – cooking facilities must be provided.
 - No firewood may be collected.
 - Fire fighting equipment must be readily available on site during all times.
 - Branches and other debris resulting from pruning processes should not be left in areas where it will pose a risk to infrastructure.
 - Fires shall not be made for the purpose of chasing or disturbing indigenous fauna.

APPOINTMENT OF CONTRACTORS

- Environmental clauses as referred to in this EMP should be included in contract documents of all contractors.
- All identified site specific measures in terms of community requirement, the ecology and bird impact for the specific property must be included in the contract with the Contractor and implemented by the Contractor during the construction phase.
- The appointment of contractors with proven track records of sound environmental performance should be given priority.
- The Contractor must ensure that the majority of unskilled labour is obtained from the local residents in the macro area.
- The contractor must ensure that he is well aware of the implications of and must ensure compliance with the following legal requirements, guidelines and policies:
 - All relevant ESKOM standards, specifications and procedures to manage the significant aspects with regards to oil management, bush clearing, entrance of private property, etc.
 - Requirements in terms of removing cutting and/or trimming of protected trees in terms the Forest Act (Act 122 of 1984).
 - All Sections and Regulations of the National Water Act, 1998(Act 36 of 1998) must be complied with; specifically specifications as described in Section 19 on Pollution and Waste.
 - Environmental Best Practice Guidelines and Specifications, compiled by the Department of Water Affairs
 - Legislation with regard to graves that is included in the National Heritage Resources Act (No 25 of 1999). It should be noted that the act also distinguishes between various categories of graves and burial grounds. Other legislation with regard to graves includes those which apply when graves are exhumed and relocated, namely the Ordinance on Exhumations (No 12 of 1980) and the Human Tissues Act (No 65 of 1983 as amended).
- The contractor must be aware that all waste material generated during and after construction should be disposed of at a permitted landfill site and an agreement letter between the

municipality and the contractor should be submitted to the regional office of the Department of Water Affairs regarding the disposal of such waste material.

- Site specific mitigatory requirements as included in the table in the section "Specification applicable to all Phases of Project Development" must be adhered to.
- In all cases, abstraction of water for construction purposes will require a permit from the Department of Water Affairs unless pre-existing rights are purchased from farmers. This is however not expected to be necessary for this project because water will be transported to the site in a water cart.
- No wetlands may be affected as a result of the construction activities. The route of the power line had been identified in such a manner that wetland areas would not be affected.
- At the crossing of the Elands River, the pylons must be placed outside the 1:100 year floodline level or 32 metres from the centre line of the river, whichever is the largest distance.
- Under no circumstances must surface or ground water be polluted.
- Adequate oil containment precautions must be taken.
- If a spill from a construction vehicle occurs it must be reported to the SECO and/or ECO with immediate effect. A bio-remediation contractor must be appointed to rehabilitate large oil spills. Small oil spills must be cleaned immediately with an oil spill kit.
- Minimise on-site storage of petroleum products.
- Bund storage tanks to 120% of capacity.
- Ensure proper maintenance procedures in place for vehicles and equipment.
- Servicing of vehicles to be in designated areas with appropriate spill management procedures in place.
- Ensure that measures to contain spills are readily available on site (spill kits).
- All hazardous substance spills must be reported, recorded and investigated.
- All stormwater runoff must be managed efficiently so as to avoid stormwater damage and erosion to adjacent properties.
- During and after construction, stormwater control measures should be implemented especially around stockpiled soil, excavated areas, trenches etc. to avoid the export of soil into the watercourse.
- Stormwater should not be discharged into the working areas and it should be ensured that stormwater leaving the footprint of the proposed development areas is not contaminated by any substance, whether that substance is solid, liquid, vapor or any combination thereof.
- Stockpiling of construction material and soils should be such that pollution of water resources is prevented and that the materials will be retained in a storm event.
- Drinking water and water for ablution facilities must be provided to all construction workers on the construction site.
- If pollution of any surface or groundwater occurs, the Regional Representative of the Department of Water Affairs as well as the SECO must be informed immediately.

GROUND AND SURFACE WATER

CONSTRUCTION PHASE

WASTE MANAGEMENT

- Expected constructed waste (unused steel, conductor cables, cement or concrete) and general waste around the construction site (plastic, tins and paper) may degrade the environment if not disposed in the correct manner.
- Littering or illegal dumping of any waste material is prohibited. No waste disposal holes may be made on site. Under no circumstances should waste be burnt on site.
- Littering must be prevented by the placement of bins at various points within the construction corridor. These bins must be emptied on a regular basis.
- Provision must be made for the collection of all waste materials.
- Deposit solid domestic waste in containers and dispose at municipal waste disposal sites regularly.
- Dispose of liquid waste (grey water) with sewerage.
- Portable ablation facilities must be placed within the construction servitude and must be serviced by registered companies only and on a regular basis. No effluent to be dumped in the veld and the use of the open veld for ablation is prohibited. There should be one toilet for every fifteen workers.
- Oil contaminated waste (soil, cloths used to clean small spills, etc.) must be disposed of at a facility that is registered as a hazardous landfill.
- All hazardous substances at the site must be adequately stored and accurately identified, recorded and labelled. All these hazardous substances should be disposed of at a licensed, Class H site.
- Rubbish bags must be provided on the construction site as well as along the route to prevent littering.
- Ensure compliance with stringent daily clean up requirements of site camp inert waste (waste concrete, reinforcing rods, waste bags, wire, timber etc) and dispose at municipal waste disposal sites.
- All waste materials must be removed to a registered dumping site, keeping in mind that different waste materials require different waste sites.

PREPARATION OF SERVITUDE / VEGETATION CLEARANCE

- Site specific mitigatory requirements as included in the table in the section "Specification applicable to all Phases of Project Development" must be adhered to.
- The procedures for vegetation clearance and maintenance within overhead powerline servitudes and on ESKOM owned land, updated September 2009 must be implemented.

The minimum standards are summarised as a guideline as follows:

Item	Standard	Follow up
Centre line of proposed powerline	Specification for width of vegetation clearance on new lines (above 33kV) shall be determined based on the EIA and EMP. New powerline 33kV and below an 8 metre (or as determined per site) wide strip of identified vegetation along the centre line should be cleared. If Required, 5 meter wide strip to be cut close to the ground (50 mm) for access purposes.	Re-growth shall be cut within 50 mm of the ground and/or treated with herbicide as necessary.
Inaccessible valleys (trace line)	If no other alternative, clear a 1 metre strip for access by foot, only for the pulling of a pilot wire by hand, or make use of a helicopter, or other technique, to fly line across.	Vegetation not to be cleared – vegetation to re-grow.
Tower position and support/stay wire	Clear all vegetation within proposed tower position and within a maximum (depending on the tower type and	Re-growth to be cut at ground level and treated

- No animals or birds may be fed, disturbed, hunted or trapped as well as no plant material removed or stored if not part of identified vegetation clearance.
- Various species of indigenous trees and bush are protected by law in terms of the Forest Act No 122 of 1984, which stipulates that it is necessary to obtain a permit in order to cut them from the relevant provincial office of the Department of Agriculture, Forestry and Fisheries. As also referred to previously in this document, the protected *Sclerocarya birrea* and *Sprostachys africanus* occur close to the fence line in the proposed vicinity of the power line on the game farms along the western section of the proposed line. These trees fall within the *Combretum apiculatum-Peltophorum africanum* woodland vegetation unit with a medium conservation value.
- Protected or endangered plant species that will be affected by the physical footprint of the powerlines or ancillary infrastructure and associated construction works should require the necessary permits to cut or remove them.

PROTECTION OF FAUNA AND FLORA

- Alien vegetation in servitudes shall be managed in terms of the Regulation GNR.1048 of 25 May 1984 (as amended) issued in terms of the Conservation of Agricultural Resources Act, Act 43 of 1983. In terms of these regulations, ESKOM shall "control" i.e. to combat Category 1, 2 and 3 plants to the extent necessary to prevent or to contain the occurrence, establishment, growth, multiplication, propagation, regeneration and spreading such plants within servitude areas or land owned by ESKOM. Due to the nature of alien vegetation, a control programme for alien vegetation control must be implemented. The implementation thereof could be more frequent than the three year interval recommended for indigenous vegetation. Alien vegetation can grow at rates significantly faster than 1 meter per year.
- The use of herbicides shall be in compliance with the terms and conditions of The Fertilisers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act 36 of 1947).

CONTROL OF ALIEN VEGETATION

- Indigenous vegetation which does not interfere with the safe operation of the powerline should be left undisturbed.
- Where clearing for an access and maintenance road is essential, the maximum width to be cleared is 8m. Existing access roads along the existing servitude should be used as far as possible.
- Clearing for pylon positions must be the minimum required for the specific tower, not more than a 5m radius around the structure position.

position	de-stumping/cutting stumps to ground level, treating with herbicide as necessary.	with herbicide as necessary.
Indigenous vegetation (outside of the servitude area maximum 8 m strip)	Selective trimming or cutting down of those identified plants interfering or posing a threat to the integrity of the powerline. See Annex B and D relating to MVCDs (minimum vegetation clearance distances)	Selective trimming
Alien species (Declared Weeds to CARA Reg 229) (outside of the servitude area maximum 8 m strip)	Control programme to be implemented as per above procedure. Trimming need not be selective.	Cut and treat with appropriate herbicide.

- All site specific mitigatory requirements in terms of farms access and control as required by individual landowners must be adhered to.
- Farm gates and fences must be left in the state it was found.
- Under no circumstances shall access be gained by cutting or "dropping" of fences. All gates shall be left closed and the ESKOM servitude gates shall be securely locked at all times.
- Construction workers must be extremely careful not to damage any property along the proposed route. Should any damage occur it should be reported to the Environmental Officer and repaired to the written satisfaction of the landowner.
- Removal of agricultural products is prohibited.
- No firewood may be collected without the landowner's permission.
- No fires are to be made on private property.
- In order to prevent and/or minimise crime, it is required that all construction workers be supplied with controlled serviced accommodation or be supplied with transport to and from their homes.
- No wandering on adjacent properties is allowed, unless written consent has been obtained from the relevant landowners.
- All adjacent landowners have to be informed of the blasting programme (if applicable) prior to any blasting taking place. Contractors must liaise personally with adjacent landowners. All communication in this regard must be documented. Blasting may only be undertaken by specialists in the field and should be limited to small localised areas. All relevant legislation must be adhered to.
- All contractors and construction workers will be issued with temporary permits to enter the property.
- All construction workers will be allowed only for specified day light hours. Transport should be made available by the Contractor to remove labourers from the site after working hours.

COMMUNITY ISSUES (SAFETY, SECURITY, NOISE, DUST, ETC.)

- To cause the loss of soil by erosion is an offence under the Soil Conservation Act, Act No 76 of 1969. Access roads and site surfaces must be monitored for deterioration and possible erosion. Pro-active measures must be implemented to curb erosion and to rehabilitate eroded areas. All areas susceptible to erosion must be installed with temporary and permanent diversion channels and berms to prevent concentration of surface water and scouring of slopes and banks, thereby countering soil erosion.
- All cleared areas must be ripped and rehabilitated after construction. The top 200mm layer of topsoil must be removed and stockpiled in heaps not higher than 2m and replaced on the construction areas once the activities have been completed. The affected areas should be replanted with a grass mixture indigenous to the area.
- All vehicle movement must be along existing roads or tracks as far as possible.
- Construction during the dry months of the year should be considered in order to overcome the problems caused by excessive moisture.

SOIL EROSION

- The rescue of protected and endangered plants that can be replanted should be coordinated by the ECO in consultation with the provincial environmental authorities, and the appropriate post-construction rehabilitation measures must be implemented.
- The harvesting of medicinal plants, which may occur on the site prior to site clearance, should be coordinated by the ECO.

- Secure accommodation facilities must be provided for guarding personnel.
- Supervision of labourers must at all times take place.
- Construction hours will be restricted to specific periods that exclude Sundays and public holidays.
- Sweeping of construction sites, clearing of building rubble and debris and watering of construction sites (storage areas, roads, etc.) must take place at least once a day.
- All excavated areas must be clearly marked and barrier tape must be placed around them to prevent humans and animals from falling into them.

POST-CONSTRUCTION & OPERATIONAL PHASE

SOIL EROSION

- Specifications for topsoil storage and replacement to ensure sufficient soil coverage as soon as possible after construction activities as identified in the Environmental Management Plan must be implemented.
- All embankments (if any) must be adequately compacted and planted with grass to stop any excessive erosion and scouring of the landscape.
- After construction, all roads should be rehabilitated.
- The site must be rehabilitated and replanted with suitable, indigenous grass to prevent erosion.
- The eradication of alien vegetation should be followed up as soon as possible by replacement with indigenous vegetation to ensure quick and sufficient coverage of exposed soil.

CONSTRUCTION SITE CLEARANCE

- After construction all building material, signs of excess concrete, equipment, houses, ablation facilities, building rubble, refuse and litter must be removed and cleaned up from the construction site as well as from the store room by the contractor.
- Items that can be used again should be recycled. Unusable waste steel and aluminium will be sold to scrap dealers for recycling at the ESKOM stores.
- Once construction is completed, the contractor has to obtain written consent from the relevant landowner that the construction site, construction areas, access routes, etc. are sufficiently and adequately rehabilitated to the landowners' satisfaction.

COMMUNITY ISSUES

- All complaints received with regards to poor conduct of ESKOM personnel, malfunction of or damage to ESKOM structures, bird killings as a result of electrocutions and/or collisions, etc. will be investigated by ESKOM in cooperation with all the relevant stakeholders.
- The existing complaints structure must be revised by ESKOM and be updated on a regular basis and communicated with all the affected landowners to ensure effective response and service supply.
- A list of all names, telephone numbers and addresses of the relevant ESKOM employees, contractors and all affected landowners must be compiled and regularly updated and

- The Environmental Officer should inspect the construction site on a regular basis to ensure that the mitigation and rehabilitation measures are applied as specified in the Environmental Management Plan.

MONITORING PROGRAMMES

- The existing complaints structure must be revised by ESKOM and be updated on a regular basis and communicated with all the affected landowners to ensure effective response and service supply.
- The contact details of all landowners affected as well as relevant ESKOM staff must be listed and updated regularly and be communicated with all the stakeholders to ensure effective communication in the case of emergencies such as veld fires.
- Fire breaks must be constructed on the inside perimeter to prevent fires from spreading from the site as well as fires entering the site from adjacent land in accordance with the ESKOM Standard SCASAAJ6: Rev 0, Distribution of Fire Risk Management.
- Branches and other debris resulting from pruning processes should not be left below conductors or in areas where it will pose a risk to infrastructure.
- Debris shall not be burnt under any circumstances
- Fires shall not be made for the purpose of chasing or disturbing indigenous fauna.
- ESKOM encourages affected landowners and maintenance staff to participate in the Fire Protection Agency.

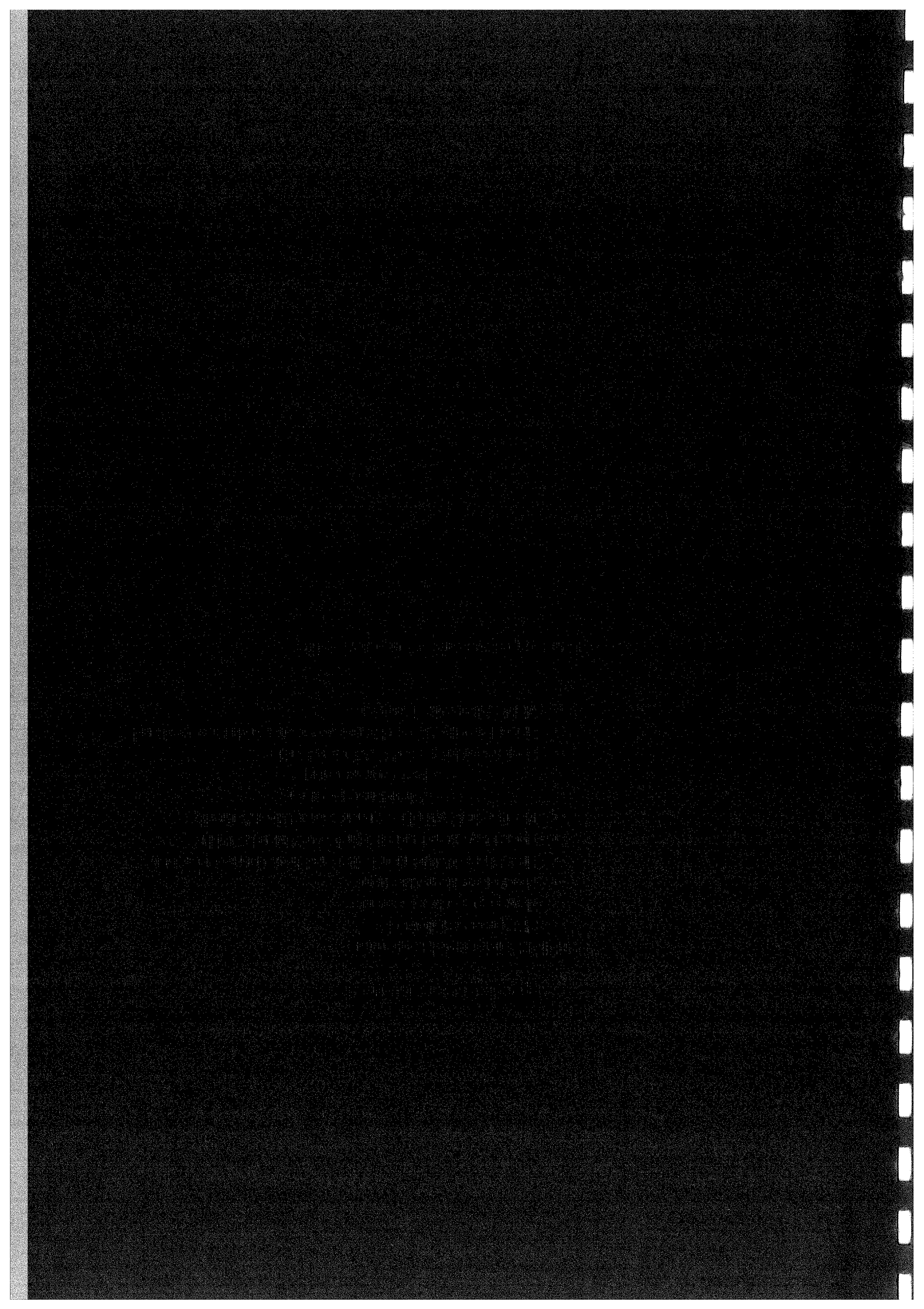
FIRE RISK MANAGEMENT

- The document "ESKOM Environmental Procedure for Vegetation Clearing and Maintenance within Overhead Powerline Servitudes and on ESKOM owned land", updated September 2007, must be implemented.
- Selective bush clearing must take place. Indigenous vegetation which would not interfere with the safe operation of the new Substation and the powerlines should be left undisturbed.
- A minimum rolling three year vegetation management programme should be promoted. This will allow effective identification, management and follow up of problematic vegetation.
- Alien vegetation in servitudes shall be managed in terms of the Regulation GNR.1048 of 25 May 1984 (as amended) issued in terms of the Conservation of Agricultural Resources Act, Act 43 of 1983. In terms of these regulations, ESKOM shall "control" i.e. to combat Category 1, 2 and 3 plants to the extent necessary to prevent or to contain the occurrence, establishment, growth, multiplication, propagation, regeneration and spreading such plants within servitude areas or land owned by ESKOM.
- Due to the nature of alien vegetation, a control programme for alien vegetation control must be implemented. The implementation thereof could be more frequent than the three year interval recommended for indigenous vegetation. Alien vegetation can grow at rates significantly faster than 1 meter per year.

VEGETATION MAINTENANCE OF THE SERVITUDE

- distributed to everyone to ensure sufficient communication channels in case of emergency and where access is required for maintenance and debushing purposes.
- Once construction is completed, the contractor has to obtain written consent from the relevant landowners that the construction site, construction areas, access routes, etc. are sufficiently and adequately rehabilitated to the landowners' satisfaction.
- No wandering on adjacent properties is allowed, unless written consent has been obtained from the relevant landowners.

- Inspection of the servitude monitoring of the servitude line during the Post-Construction & Operational Phase to detect any potential erosion problems timeously. Mitigatory measures should immediately be identified and implemented by ESKOM in cooperation with the landowner.
- Any incidents resulting from ESKOM structures and operation that might have a detrimental impact on the environment will be investigated and measures, if applicable, will be identified in close cooperation with the affected parties and/or stakeholders and be implemented and monitored accordingly.
- ESKOM must at all times follow acceptable maintenance and operational practices to ensure consistent, effective and safe performance of the infrastructure.



PUBLIC PARTICIPATION PROCESS FOLLOWED

The procedures followed in the Public Participation Process (PPP) is based on the NEMA EIA Regulations which came into effect in August 2010 as well as the *Guideline for Public Participation in the EIA Process, 2010* as issued by the Department of Environmental Affairs.

The PPP that was followed is summarised below:

- *Advertising on site*
 - On 1 September 2010 4x laminated notices in both English and Afrikaans were placed in the study area of the entire Marble Hall NDP Project. Notices directly relevant to the Wioivekraal Moutse project were placed at the following locations:
 - At the T-Junction of the R573 and the N11 in Marble Hall
 - At the existing Wioivekraal Substation Site
 - Along the N11 west pot Marble Hall against a private game fence
 - At the entrance to the Toitskraal Laerskool
 - At the proposed entrance to the Moutse Substation Site
- *Advertising in the newspapers*
 - Newspaper advertisements were placed in the Beeld on 10 September 2010 and in the Loskop Loeie on 17 September 2010.
- *Notification to Interested and Affected Parties (I&AP's)*
 - The key stakeholders (i.e. municipalities, institutions as well as affected landowners) were notified in writing about the project. A First Phase Notification Letter regarding the proposed project with a request for input was compiled and distributed via fax, e-mail and post during October 2011.
 - All I&AP's were also timeously informed of the Public Open Day via fax/e-mail/post during February 2011 with telephonic reminders prior to the Open Day.

The List of Interested and Affected Parties that was added to throughout the course of the study is attached in Appendix G.

- *Public Open Day*
 - A Public Open Day was held on Wednesday 2 March 2011 from 09:00 to 14:00 at the Laerskool Marble Hall in Skoolstraat, Marble Hall.

Draft Basic Assessment Report

The Draft Basic Assessment Report (BAR) has been distributed for further public comment. The comment received during the initial advertising campaign (as described above), and the consultant's response thereto are included in the BAR (Appendix E).

Copies of the Draft BAR had been made available to all I&AP's electronically where possible and had been left at a public venue accessible to all I&AP's. It had also been submitted to the following government departments / institutions:

- Department of Environmental Affairs
- EIA Admin Office Limpopo Department of Environment Affairs
- Department of Water Affairs, Mpumalanga Region
- South African Heritage Resources Agency
- Ephraim Mogale (Marble Hall) Local Municipality

Final Basic Assessment Report

All comments and concerns received as a consequence of the distribution of the Draft BAR will be addressed in the Final Basic Assessment Report. Registered I&AP's will be notified where and when the Final BAR will be made available for final public input before submission thereof to the Department of Environmental Affairs.

Die winter is verby

vaal, dor en dood gelyk het... Verander na 'n oas...

Die eerste tekens van die lente is sigbaar in ons vallei en daar is groenontwikkeling en versterking van die Verening se lede.

Dalk beleef jy nou vir 'n jaar of meer dat jy



17 September
Vereniging van Landbouers en Oorvloedige Landbouers
plus krag

* n Lepelelthje lag vir die dag

Posbus 1269 Marble Hall 0450, P O Box 1269 Marble Hall

Volkraad Verkiegings Kommissie (VVK) nou jou uit

In die internasionale erkende Volkereg, word daar voorsiening gemaak vir selfbeskikking vir volke. Selfs in die huidige regering se grondwet word daar voorsiening gemaak vir selfbeskikking.

Die kan egter net opgeëis word indien daar 'n volk is wat behoorlik deur 'n wetlike verkose liggam verteenwoordig word. Hierdie liggam moet deur die volk vir die volk gekies word.

Die VVK aksie is begin deur mnr. Paul Kruger, 'n prokureur van Pretoria. Dit is 'n nie-polities gedrewe projek en voldoen aan alle wetlike vereistes.

Om van so 'n projek 'n sukses te maak moet dit op 'n korrekte manier gedoen word en aan alle wetlike vereistes voldoen.

Om mee te begin is 'n infrastruktuur geskep om Streeks Koördineerders en Registrasie Beamptes aan te stel wat kiesers registreer. Die Streek Koördineerders en Registrasie Beamptes is landwyd op 'n vrywillige basis aangestel. Hierdie beamptes moet aan sekere wetlike vereistes voldoen en ondernemings gee dat die registrasie van kiesers op 'n eerbare en korrekte wyse gedoen sal word.



wees van die volk. M.a.w. die Volkraad gran deur die volk vir die volk gekies word. Die Volkraad se taak gaan wees om die wens van die volk uit te voer.

Geen individue of organisasie kan die reg op selfbeskikking opeis nie. Die reg op selfbeskikking kan slegs namens 'n volk opeëis en beding word deur diegene wat van die volk daartoe opdrag ontvang het, by wyse van 'n VVK, regverdige en demokratiese Volksverkieging

— m.a.w. deur wetting verkose afgevaardigdes wat 'n mandaat om dit te doen, van die volk ontvang het.

So 'n verkieging moet deur die volk self gereël en gefasiliteer word. Lede van die Volkraad sal deur die volk genomineer word en uit hierdie genomineerdes sal 7 Volkraadslede gekies word.

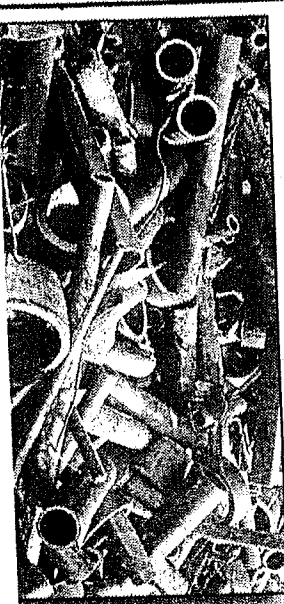
Die Volkraad is dan die liggam wat namens die volk, met die regering moet beding vir die selfbeskikking vir die volk. Vir meer inligting kan op die webwerf www.vvk.co.za ingegaan word.

CASH FOR SCRAP AND FERROUS METAL

ALAMASI SCRAP

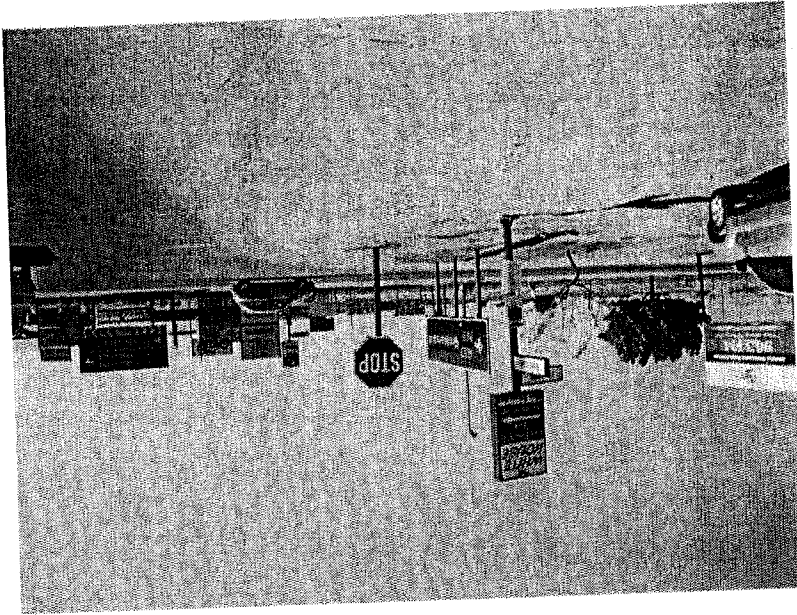
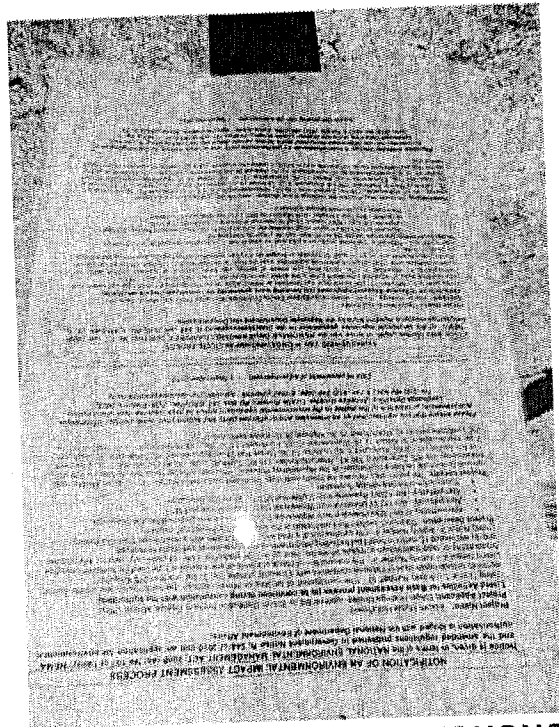
Dorkant
Moosrivie
Woonwapa

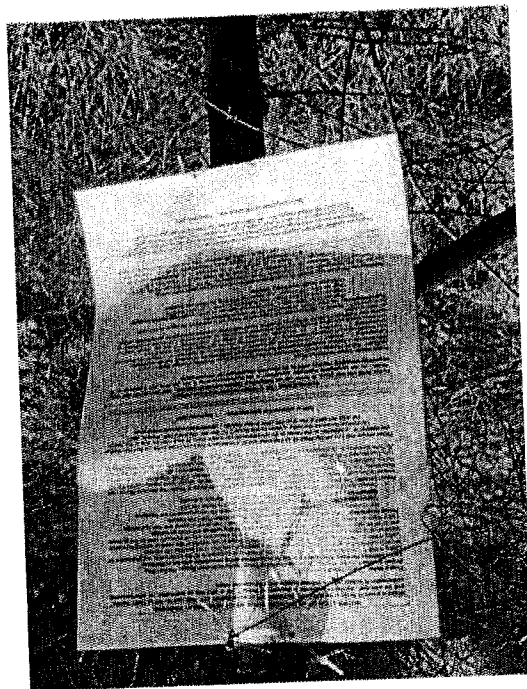
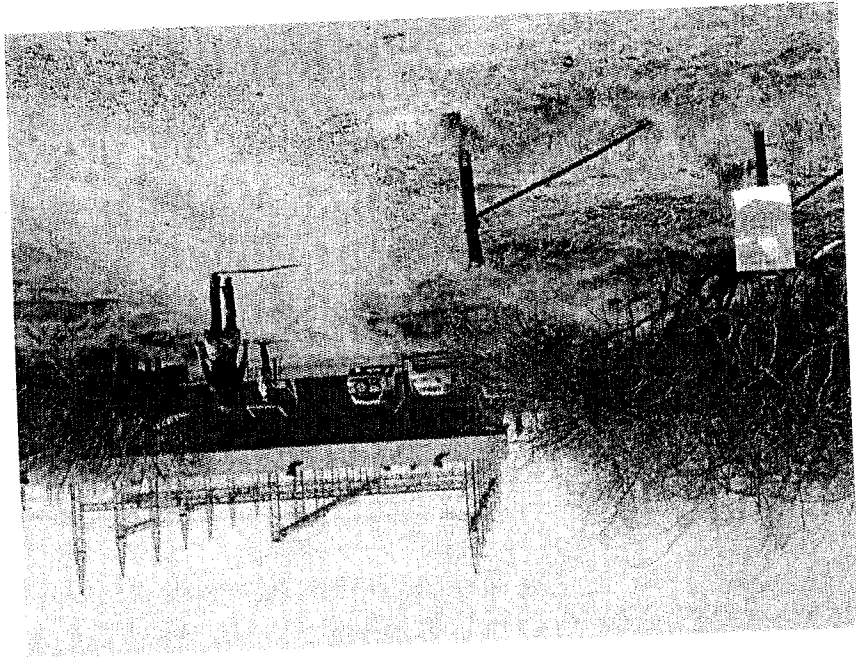
Rudolf



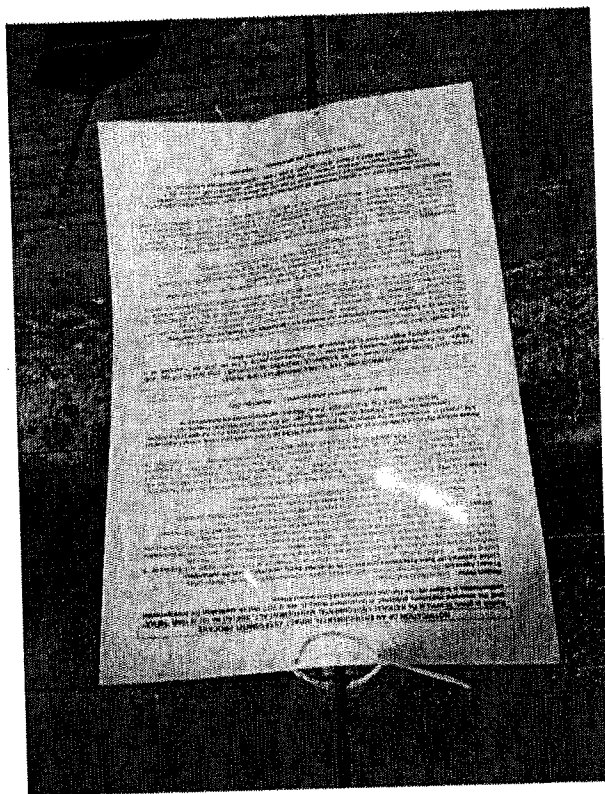
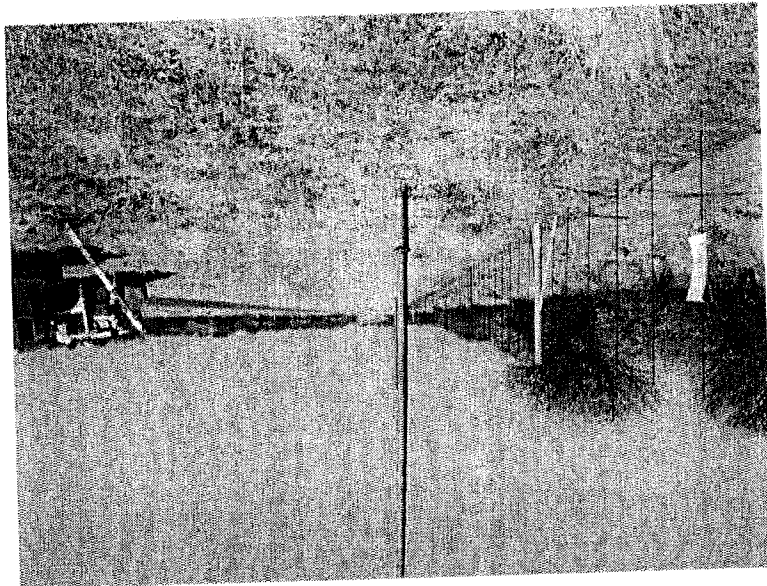
NOTIFICATION OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
 NOTICE is given, in terms of the NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 2002 (Act No 107 of 1998) "NEMA" and the amended regulations published in Government Gazette R. 544 of 2010 that an application for environmental authorisation is lodged with the National Department of Environmental Affairs. Project Name: Eskom Marble Hall Project. Applicant: Eskom Holdings Limited. Listed Activities for Basis Assessment process (to be confirmed after consultation with the authorities): Listing Notice 1 - Activity Number 10 - The construction of a new substation for the transmission and distribution of electricity outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 Kilowatts. Listing Notice 3 - Activity Number 3 - The construction of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast (a) is to be placed on a site not previously used for this purpose and (b) will exceed 15 meters in height but excluding attachments to existing buildings and masts on rooftops. Listing Notice 3 - Activity Number 4 - The construction of a road wider than meters with a reserve less than 13.5 metres. Project Description: The project involves the construction of the Eskom Marble Project that involves: Approximately 42 km 132kV Powerline from the Substation to the new proposed Mouse Substation. Approximately 14km 132 kV powerline from the Substation to Marble Hall MTS. Approximately 13km 132kV Powerline from Marble Hall MTS to Groblersdal Substation. Construction of the new Mouse Substation. Project Locality: The project area includes the macro area west, south and southeast of Marble Hall (including Marble Hall) town area (including Groblersdal) in the Mpumalanga Province. Potentially affected farms include Groblersdal (including Groblersdal) in the Mpumalanga Province. Potentially affected farms include Keerom 729 KS; Makepeysley 728 KS; Zantenkoms 730 KS; Rhensfontein 731 KS; Tanshoete 733 KS; Graysbank 5 JS; Claremont 734 KS; Rietfontein 736 KS; Elendsdri 8 JS; Uyskraal 10 JS; die Hall 29 JS; Klipspringer 2 JS; Toltskraal 2 JS; Slagboom 7 JS; Elandsaag 9 JS; Tanshoete 13 JS; Kleinlipput 11 JS; Blaauwvlaktebeestfontein 16 JS; Please ensure that you are interested in, or objection to the matter to the environmental consultant within 30 days from the date of this notice: Landscape Dynamics (Annalize Grobler Lizele Burger); PO Box 947, GROENKLOOF, Pretoria, 0021; Tel (012) 460 6043 & Fax (012) 346 2356; E-mail Address agrobler@landscapeynamios.co.za

**PROOF OF ONSITE NOTIFICATION
 ESKOM MARBLE HALL PROJECT : WOLVE KRAAL TO MOUTSE
 PLACED AT THE T-JUNCTION OF THE R573 AND THE N11 IN MARBLE HALL**

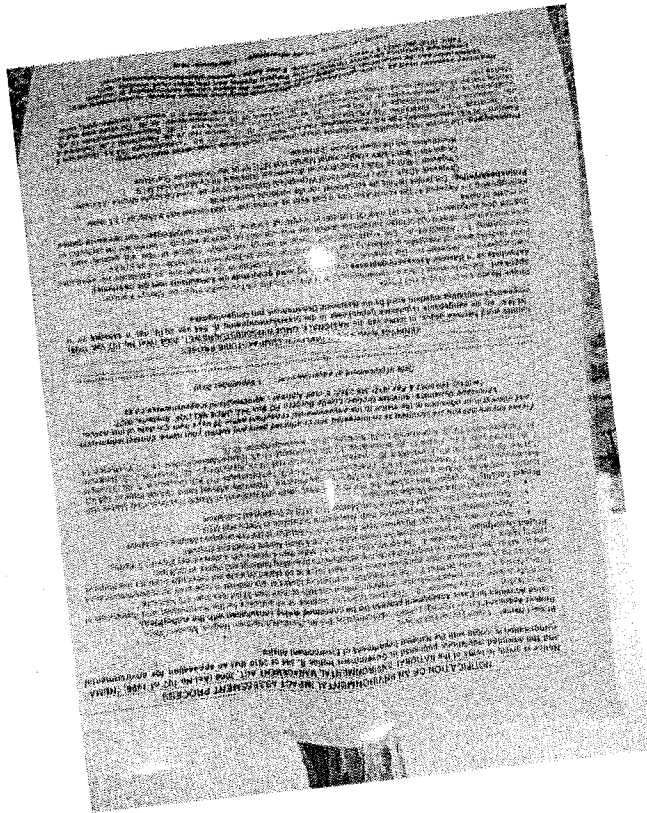
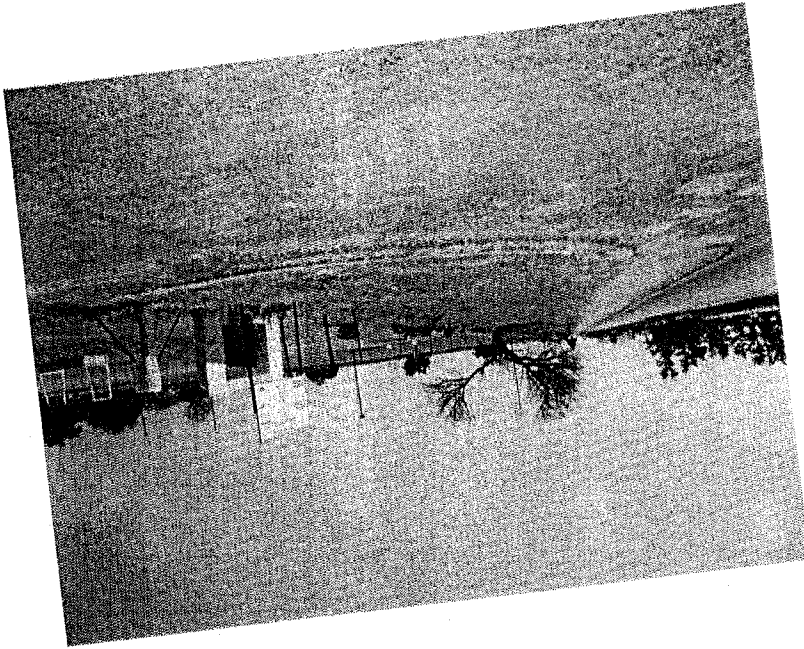




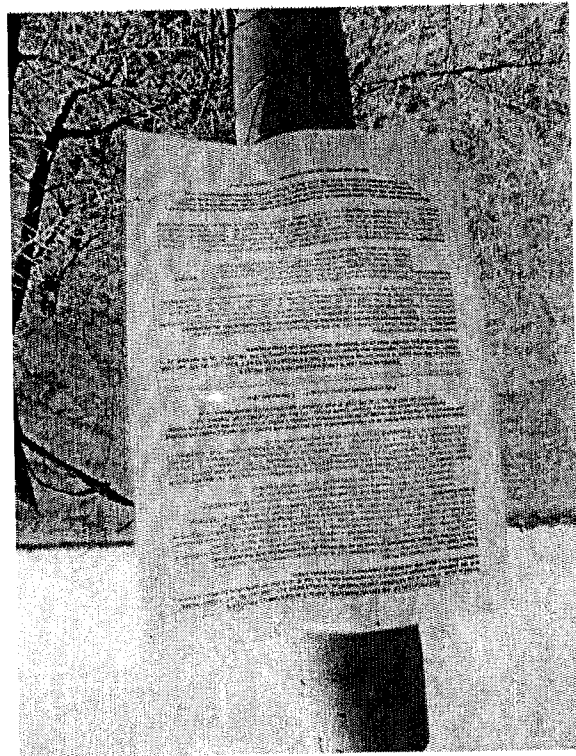
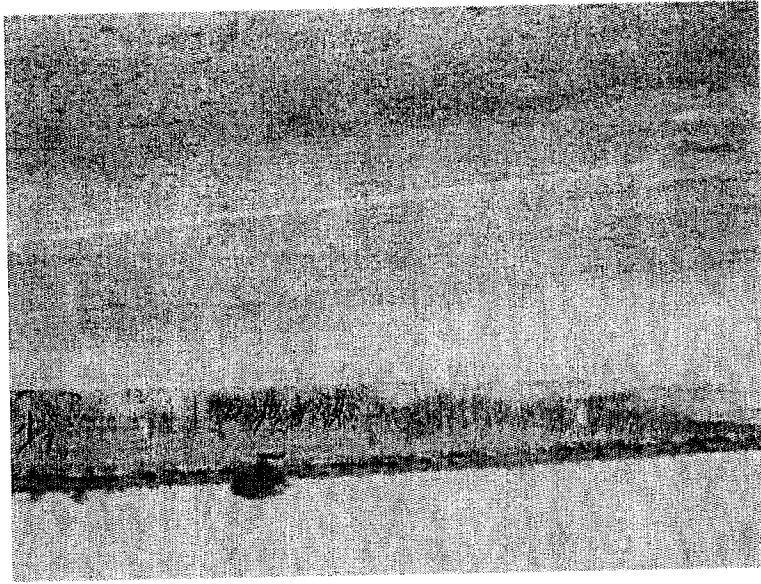
PLACED AT THE EXISTING WOLVEKRAAL SUBSTATION SITE



PLACED ALONG THE N11 WEST OF MARBLE HALL ALONG A GAME FENCE OF A PRIVATE PROPERTY



PLACED AT THE ENTRANCE OF THE TOITSKRAAL LAERSKOOI



PLACED AT THE ROAD ENTRANCE TOWARDS THE PROPOSED MOUTSE SUBSTATION SITE

LANDSCAPE DYNAMICS



ENVIRONMENTAL CONSULTANTS

CK 97/08197/23 VAT Regd: 4900171176
 Managing Member: A. Grobler B.L.(Pvt.)

50 Herbert Baker Str
 Groenkloof

Pretoria
 0181

Tel: 012 460 6043
 Fax: 012 346 2356

Cell: 082 566 4530
 email: agrobler@landscapedynamics.co.za

15 October 2010

«Company»
 «Address 1»
 «City»
 «PostalCode»

For attention: «FirstName»
 (Fax Number: «FaxNumber»)

AN ESKOM MARBLE HALL NDP PROJECT - APPROXIMATELY 42 KM 132 KV POWERLINE FROM WOLWEKRAAL SUBSTATION TO THE AND INCLUDING THE NEW PROPOSED MOUTSE SUBSTATION : ENVIRONMENTAL IMPACT ASSESSMENT PROCESS : NOTIFICATION OF PROJECT WITH INVITATION TO SUPPLY INITIAL COMMENT AND INPUT

Notice is given, in terms of the NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 2008 (Act No 107 OF 1998) "NEMA" and the amended regulations published in Government Notice R. 544 of 2010 that an application for environmental authorisation is lodged with the National Department of Environment Affairs.

Project Name: An Eskom Marble Hall NDP Project - 132 KV Powerline from Wolwekraal Substation to the new proposed Moutse Substation
Project Applicant: Eskom Holdings Limited

Listed Activities for a Basis Assessment Process (to be confirmed):

Listing Notice 1 - Activity Number 10 : "The construction of facilities or infrastructure for the transmission and distribution of electricity outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts."
 Listing Notice 3 - Activity Number 3 : The construction of masts or towers of any material or type used for this purpose and (b) broadcasting or radio transmission purposes where the mast (a) is to be placed on a site not previously used for telecommunications will exceed 15 meters in height but excluding attachments to existing buildings and masts on rooftops.

Listing Notice 4 : The construction of a road wider than 4 meters with a reserve less than 13,5 metres.
Project Description: The project involves the construction of the Eskom Marble Project that involves approximately 42km of 132KV powerline from Wolwekraal Substation to and including the new proposed Moutse Substation.

Project Locality: The project area includes the macro area west and southwest of Marble Hall Groblersdal in the Mpumalang Province. The potentially affected properties include the farms Keerom 729 KS, Makepsvley 728 KS, Zamenkomst 730 KS, Rhenosterfontein 731 KS, Tambotelaagte 733 KS, Gruysbank 5 JS, Claremont 734 KS, Elandsdrift 8 JS, yskraal 10 JS, Marble Hill 29 JS, Klipsytering 2 JS, Toitskraal 2 JS, slagboom 7 JS and Klippuit 11 JS.

Request for Input
 You have been registered as an Interested and Affected Party. You are kindly requested to confirm your contact details and a initial comments and/or concerns regarding the proposed project in writing within 30 days from receipt of this letter. Our contact details are on this letterhead.

Kind regards

Annelize Grobler
 (For Landscape Dynamics)



18 February 2011

«JobTitle»
«Company»
«Address1»
«City»
«PostalCode»

For attention : «FirstName»

(Fax Number : «FaxNumber@email_address»)

ESKOM MARBLE HALL NDP PROJECT : WOLVEKRAAL-MOUTSE ; CONFIRMATION OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS WITH AN INVITATION TO A PUBLIC OPEN DAY

Notice is given, in terms of the NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 2008 (Act No 107 of 1998) "NEMA" and the amended regulations published in Government Notice R. 544 of 2010 that an application for environmental authorisation is lodged with the National Department of Environment Affairs. Listing Notice 1 (Activities 10, 23 and 24) as well as Listing Notice 3 (Activities 3, 4, 13 and 14 apply) - to be confirmed. A Basic Assessment process will be followed.

The Project Applicant is Eskom Holdings Limited - represented by Eskom Distribution Northern Region, Menlyn Office. The project involves the construction of approximately 42 km 132kV powerline from Wolvekraal Substation to the new proposed Moutse Substation. It is also proposed to construct a communication tower at the new Moutse Substation. The project area includes the macro area directly south and west of Marble Hall in the Mpumalanga Province. Potentially affected farms initially believed to be affected included the Farms Keerom 729-KS; Makepsvley 728-KS; Zamenkomst 730-KS; Rhenosterfontein 731-KS; Tambotielaaagte 733-KS; Gryusbank 5-JS; Loskop Noord 12-JS; Claremont 734-KS; Rietfontein 736-KS; Elandsdrift 8-JS; Uyskraal 10-JS; Marble Hall 29-JS; Klipsyfering 2-JS; Slagboom 7-JS; Elandslaagte 9-JS; Klippuit 11-JS; Wolvenkraal 13-JS; Kleinlippuit 11-JS; Blaauwildebeestfontein 16-JS; Vaalfontein 14-JS; Tambotiewaters 30-JS; Krokodilsdrift 25-JS; Kleinlippuit 11-JS; Blaauwildebeestfontein 16-JS; Kleinwaterfontein 42-JS. Numerous route alternatives had been investigated since initial advertising of the project took place. The most viable route at the present stage (as tested with most of the landowners) would affect the following properties Portions 120, 282, 351, 642, 645, 646, 647, 648, 649, 785, 787, 788, 795, 890, 1050, 1082, 1085, 1083, 1246 of the Farm Loskop Noord 12-JS, as well as Portion 0 of the Farm Gryusbank 5-JS, Portion 2 of the Farm Tambotiefontein 733-KS, as well as Portions of the Farms Rhenosterfontein 731-KS; Zamenkomst 73-KS; Makepsvley 728-KS and Keerom 729-KS.

You are kindly invited to attend a Public Open Day to be held on Wednesday 2 March 2011 from 09:00 to 14:00 at the Laerskool Marble Hall in Skool Street at the boma on the sport grounds.

ESKOM MARBLE HALL NDP PROJEK : WOLVEKRAAL-MOUTSE ; BEVESTIGING VAN 'N OMGEWINGSIMPAKSTUDIE ASOOK 'N UITNODIGING NA 'N PUBLIEKE OPE-DAG

Kennis word hiermee gegee, in terme van die Nasionale Omgewingsbestuurswet, 2008 (Wet No 107 van 1998) "NEMA" en die aangepaste regulasies gepubliseer in die Staatskenningsgewing R. 544 van 2010, dat 'n aansoek vir 'n omgewings-magtiging ingedien word by die Nasionale Departement van Omgewingsake. Die relevante gelyste aktiwiteite (moet bevestig word) sluit in Kenningsgewing 1 (Aktiwiteite 10, 23 en 24) asook Kenningsgewing 3 (Aktiwiteite 3, 4, 13 en 14).

Die Applikant is Eskom Holdings Limited - verteenwoordig deur Eskom Distribusie Noordelike Provinsie, Menlyn Kantoor. Die projek behels die konstruksie van 'n ongeveer 42 km 132kV kraglyn vanaf Wolvekraal Substasie tot by en insluitend die nuwe beoogde Moutse Substasie waar 'n kommunikasie-toring ook opgerig sal word. The projek-area val in die makro area direk suid en wes van Marble Hall in die Mpumalanga Provinsie. Aanvanklik is gereken dat die volgende plase waarskynlik geaffekteer mag word : Keerom 729-KS; Makepsvley 728-KS; Zamenkomst 730-KS; Rhenosterfontein 731-KS; Tambotielaaagte 733-KS; Gryusbank 5-JS; Loskop Noord 12-JS; Claremont 734-KS; Rietfontein 736-KS; Elandsdrift 8-JS; Uyskraal 10-JS; Marble Hall 29-JS; Klipsyfering 2-JS; Toitskraal 2-JS; Slagboom 7-JS; Elandslaagte 9-JS; Klippuit 11-JS; Wolvenkraal 13-JS; Kleinlippuit 11-JS; Blaauwildebeestfontein 16-JS; Vaalfontein 14-JS; Tambotiewaters 30-JS; Krokodilsdrift 25-JS; Klippank 28-JS; Kleinwaterfontein 42-JS. Daar is egter intussen (na afloop van die aanvanklike advertering van die projek) verskeie roetes ondersoek en getoets met van die geaffekteerde grondeleenaars en huidiglik lyk dit of die mees waarskynlik en praktiese roete die volgende eiendomme sal beïnvloed Gedeeltes 120, 282, 351, 642, 645, 646, 647, 648, 649, 785, 787, 788, 795, 890, 1050, 1082, 1085, 1083, 1246 van die Plaas Loskop Noord 12-JS, so wel as Gedeelte 0 van die Plaas Gryusbank 5-JS, Gedeelte 2 van die Plaas Tambotiefontein 733-KS, asook Gedeeltes van die Plase Rhenosterfontein 731-KS; Zamenkomst 73-KS; Makepsvley 728-KS en Keerom 729-KS.

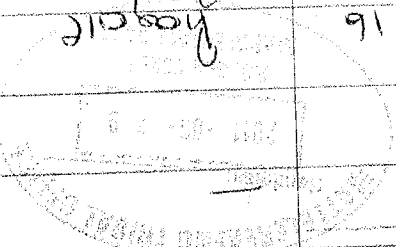
U word hiermee vriendelik uitgenooi na 'n Publieke Ope-Dag op Woensdag 2 Maart 2011 vanaf 09:00 tot 14:00 by die boma op die sportgronde van die Laerskool Marble Hall in Skoolstraat.

11

Meeting held at: 10:00

Date: 30-03-2011

NR	NAME	CONTACT NR	SIGNATURE
1	Andriewati	0718747	
2	Sini Mardiana	081287476	
3	William Setiawan	0828335599	
4	Dupa Eugenia Sebastian	0825875283	
5	Ives Lela	076694846	
6	Melanie Makotta	082514379	
7	Diana Molek	0786545061	
8	Kingeline Matali	012236118	
9	Lina Soro		
10	Pia Saura	0856686313	
11			
12		078637185	
13			
14	Solman Mulya		
15	ARON Makala	071454199	A - MAKALA
16	FREDY SESTO		F SESTO
17	JOHANNES SIB-SILEHO		
18	Leduka		
19	Rogoi Fiofi	0722871216	Rogoi
20	Mogiana Fobian	05-057463	Mogiana

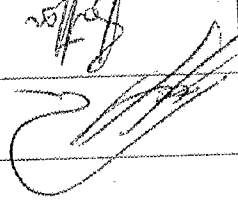
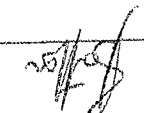
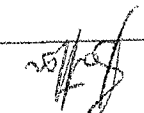


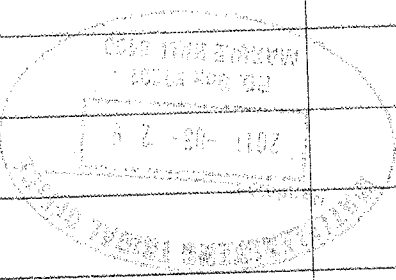
Chairman

Secretary

Meeting held at: Ilorin on 20-03-2011 at 10:00

Date:

NR	NAME	CONTACT NR	SIGNATURE
1.	Betty Ngebeni		B. Ngebeni
2.	Rafique Mathhala	078	
3.	Hassan u/Al-Baqir	0825942533	
4.	O. Baha	082-7887686	
5.			
6.			
7.			
8.			
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MINUTES	
Moutse Substation Allocation Meeting	
Matlerekeng TA	
10h00	
30 March 2011	

ATTENDANCE REGISTER

082-788 7686	082-5942533	hans@urgeneg.co.za	
Anne-Marie Botha			
Hans van der Merve			
Community (See attendance Register			

Andries Moj.	<p>Can the people that do not have power get electricity- The substation will be built to enhance the area network. They will have to apply. It was explained by Andries that it will be an advantage for all 12 villages in the area.</p> <p>The reason for the meeting is to determine if Moutse sub can be build on the farm Zamekomst.</p> <p>The process was explained with involving Rural Development. They stated that it will not be a problem since they can make decisions since 1996.</p> <p>The servitude was discussed regarding the width of 31m and sub of 100x100m. On the line servitude they can use grazing, but no buildings will be allowed.</p> <p>The committee need to be informed constantly about the construction in the area. A.Botha will introduce construction to the committee.</p> <p>Local Service providers should be taken in account by construction. - Community to sort out once construction start.</p> <p>What will the compensation be? This will only be determined once the EA is approved and the valuation is done. Market value will be used.</p> <p>Consensus was reached that the substation can be built on Zamekomst. Two positions were discussed and maps were left for reference.</p>
Hans vd Merve	A.Botha
Hans vd Merve	A.Botha
Andries Moj.	Committee

Eskom Marble Hall NDF Project : Wolvekraal to Moutse
ENVIRONMENTAL IMPACT ASSESSMENT PROCESS : PUBLIC PARTICIPATION PROGRAMME
PUBLIC OPEN DAY : ATTENDANCE REGISTER

2 March 2011
 09:00-14:00 at the Laerskool Marble Hall

NAME	COMPANY/INSTITUTION/ INTEREST	POSTAL ADDRESS	TELEPHONE NUMBER	FAX NUMBER	E-MAIL ADDRESS	SIGNATURE
Geoffrey Fourie Eng & Ind Arch	Green	Bus 449 Marble Hall	013 261 2295	013 261 1724	gffing@orbic.net	Abdur
Elzabeit Snyman	Green	Bus 1024 Marble Hall	083 777 1309			Elzabeit Snyman
Freidstun Louis van Heerden	van Heerden Green	Bus 742 Marble Hall	072 718 5443		Elzabeit van Heerden .co.za	Freidstun Louis van Heerden
B Pillie		Bus 576 MARBLE HALL	083 264 0715	013 261 2277	MPI@eleca mweb.co.za	B Pillie
M LeTT	Kamma	Bus 503 M/Burg 150	083 230 6642	013 266 1336	mc@voda.wed co.za	M LeTT
B Shydom DEEP ABUC 4 (Dok Nominas SA Korps Tsaai)	Simone	Bus 723 Marble Hall	073-1441509	0865280886	shydomper	B Shydom
Oscar Kolkow	Glikhov	Bus 425 M/Hall	072 404 0865		Louisa@Glikhov .co.za	Oscar Kolkow
Albert Kolkow	Glikhov	Bus 425 M/Hall	0828548709		Louisa@Glikhov .co.za	Albert Kolkow

NAME	COMPANY/INSTITUTION/ INTEREST	POSTAL ADDRESS	TELEPHONE NUMBER	FAX NUMBER	E-MAIL ADDRESS	SIGNATURE
Yvonne Deon	Belobeth Books Booker James	Polos 960	082 789 2834	Louisa @	glukhou.co.za	
J. L. DIERKE	SPRINGMOUNT LOCAL MUNICIPALITY	PO BOX 111 MARBLE HALL	079 500 3792	086 605 2147	jdierke@springmount.gov.za	
Corrie	Manager ENVIRON- MENTAL SERVICES	Ephraim Mgale Local Municipality	082 411 7554		chadenhois@ mabilehall.gov.za	
A. Prinsloo	Standardbank SA	Parkway 517	082 550 4053		cheem@eefq .co.za	
J.F. Kinnear	Commissioner	PO BOX 494 MARBLE HALL	082 572 8058	013 261 2640	JOSEPH E LOSKAMP@.co.za	
Erik V Rensburg	Stuurman m/f JOS V Rensburg				erikv@mvwb.co.za	
Raleesa Kruke	Eskom - Environment		0126 235379		kruke@estem	
Rehana Mawani	Escom - Planning		078 3956862		mawani@eskom.co.za	
Mohammed Durrani	Escom Public Affs Escom W/Head	Escom	079 190 5324	086 666 3829	happ@eskom.co.za	
Miriam Aguzi	Environmental Planning		073 3871409		nguzi@eskom.co.za	
Andrews Tshela	Escom - Land Affairs		083 462 3501	086 668 3144	thelama@eskom.co.za	
Neil Ross	Under T-1		082 5526380		ross@escom.net	
Elaine Kellynansen	Technical		082 45139616	012-346	elaine@elkisa.co.za	

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ESKOM MARBLE HALL NDP PROJECT : WOLVEKRAAL TO MOUTSE

REGISTERED INTERESTED AND AFFECTED PARTIES

Contact Person	Job Title	Company / Interest	Postal Address			Telephone Number	FaxNumber/ E-Mail address
Ms Palesa Kuaho	Environmental Officer	Eskom Distribution	PO Box 223	Witbank	1035	013 693 3146 072 623 5379	kuahop@eskom.co.za
Mr Paul Mckenna	Landsurveyor	Eskom distribution	PO Box 223	Witbank	1035	082 775 6902	
Mr Patrick Nxumalo	Negotiator Land and Rights	Eskom Distribution	PO Box 223	Witbank	1035	013 693 4440 082 967 8108	nxumalpb@eskom.co.za
Mr Hoffie Sutherland	Revenue Protection Product Manager	Eskom Groblersdal	PO Box	Groblersdal	0470	082 371 7173 013 262 7098 013 262 7094	086 519 0434
Ms Sma Dlamini		Mpumalanga Parks Board	Private Bag X 11338	Nelspruit	1200	013 759 5300 013 759 5511 083 579 2402	0866024788
Mr Phillip Hines	APM Unit	South African Heritage Resources Agency	PO Box 4637	Cape Town	8000	021 462 4502	021 462 4509
	EIA Admin Office	Limpopo Department Economic Development, Environment & Tourism	C/o Suid- & Dorpstreet	Polokwane	0699	015 - 291 1315	015 - 295 5015
The Director	Directorate of Landuse and Soil Management	National Department of Agriculture, Conservation and fisheries	Private Bag X120				

Ms Madi Moloto	Assistant Director	Department of Water Affairs and Forestry	Private Bag X 10580	Bronkhorstspriet	1020	013 932 2061 082 8874332	013 932 2071 molotom@dwa.gov.za
Dr Garth Batchelor For attention: District Deputy Ms Dineo Tswai/ AD Charity Mimunya	The Director: Environmental Management	Mpumalanga Department of Agriculture and Land Administration	Private Bag 11219	Nelspruit	1200	013 759 4099/ Dr Batchelor 013 – 6901358/ 0725392052 Ms Deneo Tswai	013 759 4164 gbatchelor@mpg.gov.za
Mrs N Ntshonbothi	Assistant Director	Department of Agriculture Mpumalanga	PO Box 266	Nelspruit	1200	013 759 4000	013 759 4165
Mr MS Makunyane	Municipal Manager	Sekhukhune District Municipality	Private Bag X8611	Groblersdal	0470	013 262 7309/12 013 262 7300	013 262 4303 thularer@sekhukhune.co.za mokones@sekhukhune.co.za
Mr David Nkambule	Head of Communicati ons	Department of Public Works, Roads and Transport	Private Bag X 11310	Nelspruit	1200	013 766 6553	0865215068
Mr L J Kabini	Municipal Manager	Elias Motsaedi (Groblersdal) Local Municipality	PO Box 48	Groblersdal	0470	013 262 3056	013 262 2547
Mr Reply Mlatwanazi	The Electrical Division	Ephraim Mogale Local Municipality				013 – 261 8400 082 371 9954	mkhwanazi@marblehall.gov.za
Speakers Office Attention: Mr LB Modisha	Ward Councillor	Ward Councillor Ward 3 Keerom	PO Box 111	Marble Hall	0450	082 575 5207 013 261 8405 013 261 8400	013 262 2985

Mr Corrie Badenhorst	The Environment al division	Ephraim Mogale Local Municipality	PO Box 111	Marble Hall	0450	013 261 8412	08660339643 cbadenhorst@marblehall.ov.za
Mr M Mkokonyane	Regional Manager	Department of Minerals and energy	Private Bag X 7279	Witbank	1035	013 656 1448	013 656 6238
Mrs Erica Tietz Mr Leon Borchards	Landowner Kromdraai	Le Cano Meat and Chicken / Le Cano Trust	PO Box 1251	Marble Hall	0450	082 040 1313 082 378 4621 082 302 0276	015 667 0910 lecano@clech.co.za
Mr Robert Groenewald	Owner	AO Case	Po Box 439	New Hollands Marble Hall	0450	013 261 3139 082 388 3161	013 261 3139/40 caseih@mweb.co.za
Mr Theuns Botha	Owner	P Stene / Bricks	PO Box 493	Marble Hall	0450	013 261 1026	013 261 2907 theunspb@telkomsa.net
Mr Fred Keppler		Freds Auto Repairs	PO Box 247	Marble Hall	0450	072 990 4046	086 593 0394
Mrs Karen Van Der Lith	Owner	Loskop Canvas and Tents	PO Box 1648	Marble Hall	0450	013 261 1923 082 458 5698	loskopcanvas@vodamail.oz.za
Mr Willem Bothma	Owner	Marble Besproeing	PO Box 2050	Groblersdal	0470	013 261 2086 083 357 4934	086 697 4036
Mr Adam Pron	Owner	Trentyre	PO Box 1173	Marble Hall	0450	0860943357 013 261 2720	0860943357 013 261 1828 adampron@trentyre.co.za
Mr Gert Mynhardt	Owner	Pieradel Eindomme	PO Box 1304	Marble Hall	0450	082 567 1315 013 261 1016	013 261 1312 lardinepd@vodamail.co.za
Mrs Madelein Pretorius	Owner	Cilla Maberlay Guest House	PO Box 772	Marble Hall	0450	072 919 3011 082 441 7976	Villa- maberlay.gastehuis@vodamail.co.za

FirstName	JobTitle	Company	Address1	City	Postal Code	WorkPhone/CELL	FaxNumber/EMAIL
Mr Cheem Prinsloo	Marble Hall Kleinhandel (Pty) Ltd	Elandsdrift JS 8	PO Box 567	Marble Hall	0450	013 261 2537	013 261 2537
Mr Johan Mong	Owner	Marble Vervoer	PO Box 314	Marble Hall	0450	013 261 2115 082 944 0200	013 261 2433 reception@marblevervoer.co.za
Mr Gerhard Fourie Gerhardus	Owner	Gerhard Fourie lng en Hydroliese Werke	PO Box 669	Marble Hall	0450	082 893 0333 013 262 2295	013 261 2134 adeles@lantic.net 013 261 2770
Mrs A Schoerman	Owner	Masekane frames	PO Box 53	Marble Hall	0450	013 261 1898/5	
Mr HB Pieterse	Owner	BK Scrap Metals	PO Box 1091	Marble Hall	0450	013 261 2770 082 887 1690	
Mrs CJ Muller		Wheel and Deal	PO Box 520	Marble Hall	0450	072 391 3490	
Mrs Marthie Jordaan	Principal	Laerskool Toitskraal	PO Box 16	Strydmay	0455	013 261 1141	013 261 3212 stotiskraal@goggaconnet.co.za
Mrs Marthie Jordaan	Principal	Toitskraal Nursery School	PO Box 16	Strydmay	0455	013 261 1141	013 261 3212 stotiskraal@goggaconnet.co.za
Mr HS Terblanche	Owner	Terblanche Boerdery Gedeele J83	PO Box 940	Marble Hall	0450	013 261 1621	013 261 2732 cbadmin@ccecg.co.za
Mr T Maritz		Thinus Maritz Boerdery	PO Box 299	Marble Hall	0450	013 261 1850 082 492 6973	013 261 2814 / admin@thinusmaritz.co.za
Mr Braam De Beer		Terblanche Boerdery J29					

FirstName	JobTitle	Company	Address1	City	Postal Code	WorkPhone/CELL	FaxNumber/ EMAIL
Mr A Ndlovu	Principal	Excelsior Collage	PO Box 700	Marble Hall	0450	013 261 1067	013 261 1505
Mr Gert Kruger	Owner	Gert Kruger Boerdery Gedeelte J4 and H61 Loskop Noord	PO Box 105	Marble Hall	0450	013 261 2257 083 251 4092	0865170833 gert@ctecg.co.za
Mr DC Oosthuizen	Owner	Midway Motors	PO Box 1010	Marble Hall	0450	013 261 2013 082 414 9080	013 261 2013 dcoosthuizen@webmail.co.za
Mr Leon Davel	Owner	LA Construction Drilling	PO Box 11095	Bendor Park	0699	083 627 8601 082 808 7735 072 040 7164	015 297 0391 nkwazisivils@mweb.co.za
Mr Samuel Lourence	Owner	Interstate Grondwerke Bokmakierie	PO Box 140	Marble Hall	0450	013 261 2054 082 448 6614	013 261 2054 larosche@vodamail.co.za
Mr Jakkie Peiser	Manager	Building Materiaal	PO Box 610	Marble Hall	0450	013 261 013 261 1307 082 825 9408	013 261 1307
Mr J Kempen	Owner	Cotmaster (Golf Landgoed)	PO Box 428	Marble Hall	0450	013 261 8907/8	013 261 2640 cotmaster@wol.co.za joseph@loskopagri.co.za
Mr Van Zyl Schultz	Project Manager of the Estate	Marble Hall Golf Landgoed ext 7	PO Box 515	Marble Hall	0450	082 513 3344	086 684 0022 vzs@mweb.co.za
Mr Emilie Bioernhof	The Owner	Portions 649,647,282 &642 of the Farm Loskop Noord 12-JS	P O Box 425	Marble Hall	0450	082 786 1030 082 856 2208	086 619 4648 hester@glukhov.co.za

Mr Johnny & Hilda Howard	The Landowner	Portions 24, 638 & 95 of the Farm Loskop Noord 12 JS	P O Box 303	Middelburg	1050	082 362 1995	0865479395
Mr Mark Pratt	Lanea Beleggings	Portion 1 of the Farm Rhenosterfontein 731 KS				083 230 6042	013 - 246 1336 mcp@vodamail.co.za
Mr Ian van Niekerk	The Landowner Kameeldorin drift Boerdery CC	Portion 803, 804 & 805 of the Farm Loskop Noord 12 JS	P O Box 110	Marble Hall	0450	083 2278 895	013 - 261 2096 omegap@jantinc.net
Ms Elaine Holtzhausen Environmental Consultant	Lokisa Environmental Consultancy		P O Box 219	Groenkloof	0028	082 493 9619 012 - 346 7658/8324	012 - 346 6074 Elaine@lokisa.co.za
Mr Oscar Koltzow	The landowner	Portions 649, 647, 282 & 642 of the Farm Loskop Noord 12 JS	P O Box 425	Marble Hall	0450	072 404 0865	louisia@glukhov.co.za
Mr Albert Koltzow/ Mr Emile Bloemhof	The Landowner	Portions 649, 647, 282 & 642 of the Farm Loskop Noord 12-JS	P O Box 425	Marble Hall	0450	082 854 8709 0827861030 0828562208	louisia@glukhov.co.za- hester@glukhov.co.za 086 619 4648
Mr Juan Botes	The Owner	Portion 648 of the Farm Loskop Noord 12-JS	P O Box 611	Marble Hall	0450		
Mr Johan Barnard	The Owner	Portion 646 of the Farm Loskop Noord 12-JS	P O Box 1124	Marble Hall	0450	082 826 1485	086 659 0804 seleman@ctecq.co.za
Mr Andries Kruger	The Landowner Andries Kruger Trust	Portion 281 of the Farm Loskop Noord 12 JS	P O Box 354	Marble Hall	0450	082 339 5633(Mnr) 082 494 9921 (Mev)	086 543 8576
Mr Louw de Beer	The Owner	Portion 1050 of the Farm Loskop Noord 12-JS	P O Box 960	Marble Hall	0450	082 789 2824	013 - 2612410 louisia@glukhov.co.za

Mr Peet Strydom	The Owner	Portion 120 of the Farm Loskop Noord 12-JS	P O Box 723	Marble Hall	0450	073 144 1509	strydomppc@vodamail.co.za
Mr Deon Hough (tree oek op namens sy broer Joggie)	The Owner	Portions 890 & 1085 of the Farm Loskop Noord 12-JS	P O Box 1984	Marble Hall	0450	072 322 8035	dhough@marblehall.gov.za
Mr Schalk Kruger	The Owner	Portions 1082&1083 of the Farm Loskop Noord 12-JS	P O Box 225	Marble Hall	0450	082 872 9715	schala@vodamail.co.za
Mr Barnard Pohl	The Owner	Portions 784 & 795 of the Farm Loskop Noord 12-JS	P O Box 576	Marble Hall	0450	013 - 261 1576 083 264 0715	013 - 261 2277 mpisielec@mweb.co.za
Mr P J van Heerden	The Owner	Portion 785 of the Farm Loskop Noord 12-JS	P O Box 742	Marble Hall	0450	072 718 5043	elize.vanheerden@afgric.za
Mr Johnny A de Bruyn	The Owner	Portion 786 of the Farm Loskop Noord 12-JS	P O Box 1246	Marble Hall	0450	082 777 1309	011 - 8065304 For attention: Wian de Bruyn
Dr M J Nagel	The Owner	Portion 787 of the Farm Loskop Noord 12-JS	P O Box 32647	Glenstantia	0010	083 258 2228 012 - 998 3515	012 - 998 3334
Mr Mark Brian Schulze	The Landowner	Portion 788 of the Farm Loskop Noord 12-JS	P O Box 547	Marble Hall	0450	011 - 802 1893	

Mr Frans Stapelberg	The Landowner Lekker Beleef Belegings	Portion 481 of the Farm Loskop Noord 12 JS	P O Box 3202	Middelburg	1050	013 - 246 1217 (Home & Work)	013 - 246 1131 frans@fkeng.com
Mrs P F Potgieter (Suzette) Mr Fanie Oosthuizen)	The Owner	Portion 351 of the Farm Loskop Noord 12-JS	P O Box 480	Marble Hall	0450	082 498 4776 Daughter - (Mrs P F Potgieter)	hannes1965@rocketmail.com om
Mr J J J van Rensburg (Seun - Erik)	The Owner	Portion 0 of the Farm Grysbank 5-JS	P O Box 744	Delmas	2210	082 524 8300(Son) 082 524 8301(Father)	013 665 3751 086 657 8897 erikivr@mweb.co.za
Mr Sinnia Morema Mr Izak Moosa	The Landowners Mogomane Communal Property Association	Portion RE 4 of the Farm Grysbank 5 JS				079 179 8756 (Sinnia) 072 597 9212 (Izak)	
Mr Neil Rex	The Owner, Undara Investments Pty Ltd	Portion 9 of the Farm Tamboetlaagte 733 KS	P O Box 1082	Rivonia	2128	082 552 6380	011 - 201 8101 neil@drivecon.net
Mr Johan Cilliers	The Landowner, Marssonita	Portion 6 of the Farm Tamboetlaagte 733- KS	P O Box 4135	Middelburg	1050	083 229 4430	013 - 2825008 Johancillier1@gmail.com

Chief Koos Mahlobogaona / Secretary Sinki Mabogwana (See Attendance Register in file)	The Landowner Matterekeng TA	Portion 0 of the Farm Zamenkomst 730-KS	P O Box 53201	Marble Hall	0450	072 654 5661 076 128 7476	
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ESKOM MARBLE HALL NDP PROJECT : WOLVEKRAAL TO MOUTSE

DIRECTLY AFFECTED LANDOWNERS

Mr Oscar Koltzow	The landowner	Portions 649,647,282 &642 of the Farm Loskop Noord 12-JS	P O Box 425	Marble Hall	0450	072 404 0865	louisa@glukhov.co.a
Mr Albert Koltzow/ Mr Emilie Bloemhof	The Landowner	Portions 649,647,282 &642 of the Farm Loskop Noord 12-JS	P O Box 425	Marble Hall	0450	082 854 8709 0827861030 0828562208	louisa@glukhov.co.a- hester@glukhov.co.a
Mr Juan Botes	The Owner	Portion 648 of the Farm Loskop Noord 12-JS	P O Box 611	Marble Hall	0450		086 619 4648
Mr Johan Barnard	The Owner	Portion 646 of the Farm Loskop Noord 12-JS	P O Box 1124	Marble Hall	0450	082 826 1485	086 659 0804 selemame@ctecg.co.za
Mr Andries Kruger	The Landowner Andries Kruger Trust	Portion 281 of the Farm Loskop Noord 12 JS	P O Box 354	Marble Hall	0450	082 339 5633(Mr) 082 494 9921 (Ms)	086 543 8576
Mr Louw de Beer	The Owner	Portion 1050 of the Farm Loskop Noord 12-JS	P O Box 960	Marble Hall	0450	082 789 2824	013 - 2612410 louisa@glukhov.co.a
Mr Peet Strydom	The Owner	Portion 120 of the Farm Loskop Noord 12-JS	P O Box 723	Marble Hall	0450	073 144 1509	strydompcc@vodamill.co.za 086 528 0885
Mr Deon Hough (also tree cok op namens sy broer Joggie)	The Owner	Portions 890 &1085 of the Farm Loskop Noord 12-JS	P O Box 1984	Marble Hall	0450	072 322 8035	dhough@marblehall.gov.za 086 601 5876
Mr Schalk Kruger	The Owner	Portions 1082&1083 of the Farm Loskop Noord 12 -JS	P O Box 225	Marble Hall	0450	082 872 9715	schalka@vodamail.co.za

Mr Barnard Pohl	The Owner	Portions 784 & 795 of the Farm Loskop Noord 12-JS	P O Box 576	Marble Hall	0450	013 - 261 1576 083 264 0715	013 - 261 2277 mpsiel@comweb.co.za
Mr P J van Heerden	The Owner	Portion 785 of the Farm Loskop Noord 12-JS	P O Box 742	Marble Hall	0450	072 718 5043	elize.vanheerden@fgri.co.za
Mr Johnny A de Bruyn	The Owner	Portion 786 of the Farm Loskop Noord 12-JS	P O Box 1246	Marble Hall	0450	082 777 1309	011 - 8065304 For attention: Wiaan de Bruyn
Dr M J Nagel	The Owner	Portion 787 of the Farm Loskop Noord 12-JS	P O Box 32647	Glenstantia	0010	083 258 2228 012 - 998 3515	012 - 998 3334
Mr Mark Brian Schulze	The Landowner	Portion 788 of the Farm Loskop Noord 12-JS	P O Box 547	Marble Hall	0450	011 - 802 1893	
Mr Frans Stapelberg	The Landowner	Portion 481 of the Farm Loskop Noord 12 JS	P O Box 3202	Middelburg	1050	013 - 246 1217 (Home & Work)	013 - 246 1131 frans@fkeng.com
Mrs P F Potgieter (Suzette) Mr Fanie Oosthuizen)	The Owner	Portion 351 of the Farm Loskop Noord 12-JS	P O Box 480	Marble Hall	0450	082 498 4776 Daughter - (Mrs P F Potgieter)	hannes1965@rocke mail.com
Mr J J J van Rensburg (Son - Erik)	The Owner	Portion 0 of the Farm Grysbank 5-JS	P O Box 744	Delmas	2210	082 524 8300(Son) 082 524 8301(Father)	013 665 3751 086 657 8897 erikvr@mweb.co.za

Mr Simnia Morema Mr Izak Moosa	The Landowners Mogomane Communal Property Association	Portion RE 4 of the Farm Gysbank 5 JS					079 179 8756 (Simnia) 072 597 9212 (Izak)	
Mr Neil Rex	The Owner Undara Investments Pty Ltd	Portion 9 of the Farm Tamboitelaagte 733 KS	P O Box 1082	Rivonia	2128	082 552 6380	011 - 201 8101 neil@drivecon.net	
Mr Johan Cillier	The Landowner	Portion 6 of the Farm Tamboitelaagte 733-KS	P O Box 4135	Middelburg	1050	083 229 4430	013 - 2825008 Johancillier1@gmail.com	
Chief Koos Mahlobogana/Secretary Sinki Mabogwana (See Attendance Register in file)	The Landowner Matierekeng TA	Portion 0 of the Farm Zamenkomst 730-KS	P O Box 53201	Marble Hall	0450	072 654 5661 076 128 7476		

LANDSCAPE DYNAMICS



ENVIRONMENTAL CONSULTANTS

CK 97/08197/23 VATRegd: 4900171176
Managing Member A. Grobler BL(Pret.)

50 Herbert Baker Str
PO Box 947
Groenkloof
Pretoria

0181
Tel: 012 460 6043
Fax: 012 346 2356
Cell: 082 566 4530
email: agrobler@landscapedynamics.co.za

LANDSCAPE DYNAMICS ENVIRONMENTAL CONSULTANTS

COMPANY PROFILE (updated September 2011)

Landcape Dynamics cc is an environmental consultancy firm, established in May 1997. The purpose of this document is to supply the following information

- Outline of the services that can be supplied
- Listing of projects that had been or are being undertaken
- Brief description of the professional team
- Brief description of the client base
- Description of the areas where work is/can be undertaken
- General approach to consultancy work

1. SERVICES OFFERED

1.1 ENVIRONMENTAL IMPACT ASSESSMENTS

Landcape Dynamics has significant experience and is well equipped and qualified to undertake Environmental Impact Assessments whilst applying the principles of Integrated Environmental Management. The procedures at present followed are those prescribed in terms of the Environmental Impact Assessment Regulations, 2006, made under Section 24 (5) of the National Environmental Management Act, 1998 (Act No 107 of 1998) and published in Government Notice No. R. 385 of 2006. Landcape Dynamics is also well-equipped to act as Environmental Control Officer during the construction and implementation phases of project development.

1.2 WASTE LICENSE APPLICATIONS

Landcape Dynamics could also do applications for authorisation for waste and sewage facilities in terms of the Waste Act, 2008 (No 59 of 2008) as amended in July 2009.

1.3 WATER USE LICENSE APPLICATIONS
 As a result of demand for this service, Landscape Dynamics now also provide services in the application of water use licenses as prescribed in Section 21 of the National Water Act (Act No 36) of 1998. Landscape Dynamics is equipped with sufficient knowledge and a broad contact base to ensure an effective service delivery.

1.4 ENVIRONMENTAL MANAGEMENT PROGRAMMES FOR REHABILITATION (EMPR's) FOR BORROW-PITS AND QUARRIES
 Landscape Dynamics is equipped with sufficient knowledge and relevant experience to ensure compliance with legal requirement as per the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002), prescribed by the Department of Minerals & Energy for the application for prospecting rights and/or mining permits.

1.5 ZONING OF DAM BASINS / SUSTAINABLE UTILISATION PLANS
 A zoning/development plan serves as a guideline for future development, tourism, recreation, sport activities and sport development within dam basins (the water surface and the waterfront). A holistic, multi-disciplinary approach is followed during the zoning process. Landscape Dynamics is well equipped and in provincial/regional context. Experience in this field to compile zoning plans for dam basins, both individually and in provincial/regional context. Landscape Dynamics is familiar with the zoning policies and guidelines prescribed by DWAF.

1.5 VISUAL IMPACT ASSESSMENTS
 Landscape Dynamics is equipped with relevant qualifications; experience and access to relevant equipment to provide visual impact assessments as specialist input during the compilation of environmental impact assessment processes. The purpose of these visual impact assessments are mainly to identify the visibility of the proposed project; determine the level of intrusion; evaluate the extent thereof in context with its environment; identify and evaluate suitable mitigation measures. The main steps generally included a site investigation(s); computerised assessment (view shed analysis and visual simulation; impact evaluation; identification and evaluation of mitigation measures and lastly report writing.

2. PROJECT HISTORY & EXPERIENCE

2.1 ENVIRONMENTAL IMPACT ASSESSMENT PROJECTS (SOME PROJECTS ARE STILL IN PROGRESS)
 ECA Projects in compliance with regulations stipulated in the Environment Conservation Act, (Act No 73) of 1989

- Environmental Impact Assessment – Nelspruit
- Consulting Engineers, Nelspruit
- Environmental Impact Assessment – Mpumalanga Feasibility Study – Nkomazi Area, Mpumalanga Endeco
- Engineering Consultants, Nelspruit
- Environmental Impact Assessment – Der Brochen Time Share Resort, Mpumalanga JPN Investments, Pretoria
- Environmental Impact Assessment – Lomond/Scheerpoort Powerline, Northwest Province, Rustenburg
- Environmental Impact Assessment – Lomond/Scheerpoort Powerline, Northwest Province, Esko
- Specific Environmental Management Plan – Lomond/Scheerpoort Powerline, Northwest Province, Esko
- Post-construction Environmental Review – Rustenburg
- Rustenburg
- External Review of Scoping Report – Rustenburg
- External Review of Scoping Report – Rustenburg Furnace Interconnector, Northwest Province, Esko
- Exemption from an Environmental Impact Assessment – Viakfontein Bulk Water Supply, Gauteng Bigen A
- Consulting Engineers
- Exemption from an Environmental Impact Assessment – Ralotsha Plessis Township Development, North
- Exemption from an Environmental Impact Assessment – Ralotsha Plessis Township Development, North

- Environmental Impact Assessment (Scoping Level)- Boschhoek Town Development for Amplats, Northwest Province De Jager & Associates Town and Regional Planners
- Environmental Scoping Study - Goedgedacht Project, Northwest Province Eskom, Pietersburg Office
- Environmental Screening Process - Proposed Cellular Communication Base Stations for Ericsson, Gauteng
- Environmental Impact Assessment - Amplats HMO Hospital Project, Northwest Province
- Exemption from an Environmental Impact Assessment for the Greater Nyistroom Wastewater Treatment Plant Upgrade, Anglo Platinum
- Evaluation of Report - EIA Scoping Study for the Greater Nyistroom Wastewater Treatment Plant Upgrade, Northern Province BKS Engineers and Project Managers
- Evaluation of Report - EIA Scoping Study for Phagameng X7, Northern Province BKS Engineers and Project Managers
- Environmental Scoping Study for the Proposed Sandbult Weir, Mpumalanga BKS Engineers and Project Managers
- Environmental Scoping Study for the Proposed Sandbult Weir, Mpumalanga BKS Engineers and Project Managers
- Exemption from an Environmental Impact Assessment for the Sibange Pumpstation, Mpumalanga Bigen Africa, Nelspruit
- Exemption from an Environmental Impact Assessment for the Development of the Driekoppies Water Supply Scheme: Pumpstation and Pipeline to Right Bank Villages, Mpumalanga Bigen Africa, Nelspruit
- Exemption from an Environmental Impact Assessment for Silt Control for the Southern Nsikazi Raw Water Pump Station, Mpumalanga SKC, Pretoria
- Environmental Scoping Study for the proposed Oaklane Estate Township Development, Dullstroom, Mpumalanga Politmore Trading Limited
- Environmental Scoping Study for the proposed Westcliff/Parkview Golf Estate Township Development on the Parkview Golf Course, Johannesburg, Gauteng - project was however cancelled halfway through the process
- Killmani Development Holdings
- Environmental Scoping Study for the Louis Trichard/Furitan 132 KV Refurbishment, Northern Province Eskom, Pietersburg Office
- Exemption from an Environmental Impact Assessment for the Overysel Project, Northern Province Eskom, Pietersburg Office Du Cap,
- Exemption from an Environmental Impact Assessment for the Development of the Driekoppies Water Supply Scheme: Water Purification Works and Pipeline to Left Bank Villages, Mpumalanga Bigen Africa, Nelspruit
- Northwest Province C.A.P.E. Developers
- Exemption from an Environmental Impact Assessment for the proposed Locheil Oshoek Bulk Water Supply Scheme, Mpumalanga and Tumber Fourie, Nelspruit
- Environmental Scoping Study for the proposed Nsikazi North Water Treatment Plant, Mpumalanga and Northern Province Hawkins & Osborn Consulting Engineers
- Environmental Scoping Study for the proposed Jeppes Reef Rising Main, Mpumalanga Endecon, Nelspruit
- Exemption from an Environmental Impact Assessment for the Dinduma Pipeline, Mpumalanga Bigen Africa, Nelspruit
- Exemption from an Environmental Impact Assessment for the Magudu Water Treatment Plant, Mpumalanga Bigen Africa, Nelspruit
- Environmental Scoping Study for the proposed Wigam Golf Estate, Rustenburg (Northwest Province) Frans Farmer Architects, Northwest Province
- Completion of an Environmental Management Plan for the Equestria X105 Township Development, Gauteng
- Van Zyl & Benade Town Planners, Gauteng Province
- Environmental Scoping Study for the proposed Ikhutseing Resort Development, Limpopo Province Mr Johann Maritz, on behalf of Maritz Boerdery Trust
- Environmental Scoping Study for the Power Supply to the Anglo Platinum Western Limb Tailings Project, North West Province Eskom Distribution Northern Region
- Exemption from an Environmental Impact Assessment for RPT Johannesburg North Project: Zandspruit Phase 2, Gauteng
- Mpumalanga Bigen Africa, Nelspruit
- Environmental Feasibility Assessment for RPT Johannesburg North Project: Zandspruit Phase 2, Gauteng
- Exemption from an Environmental Impact Assessment for the proposed Steenbok Reservoir & Lusaka Pipeline, Mpumalanga Bigen Africa, Nelspruit
- Exemption from an Environmental Impact Assessment for the proposed augmentation pipeline to the Simile Bulk Water Supply Scheme, Mpumalanga Bigen Africa, Nelspruit
- Exemption from an Environmental Impact Assessment for the proposed Dipaleseng Sewage Infrastructure, Mpumalanga Province Tumber Fourie Consulting Engineers, Nelspruit

- Environmental Scoping Study for the proposed De Grootboom Township Development, Mpumalanga Province Emeritus Investments 28 (Pty)Ltd
- Exemption from an Environmental Impact Assessment for the Cunningham A & B Water Reticulation Project, Limpopo Province HH&O Consulting Engineers, Johannesburg
- Exemption from an Environmental Impact Assessment for the Newington A, B and C Water Reticulation Project, Limpopo Province HH&O Consulting Engineers, Johannesburg
- External Review of Scoping Report – Western Platinum Lonmin Powerline Dismantling and Erection of Lines for the Purpose of Open-cast Mining, Northwest Province Eskom, Rustenburg
- External Review of Scoping Report – Bighorn/Wonderkop-Middelkraal Dismantling and New Line for strengthening of the Trident/Bighorn 88kV Network, Northwest Province Eskom, Rustenburg
- Environmental Scoping Study for the proposed Zwartkops Golf Estate Phases 2, 3 & 4, Gauteng Province Krisprop 12 (Pty) Ltd
- Environmental Scoping Study for the proposed Buffelshoek Private Resort Development, North West Province Mr Thys Maritz
- Environmental Feasibility Assessment for township development as part of the Alexandra Renewal Project, Gauteng Province Bigen Africa, Pretoria
- Environmental Scoping Study for the proposed Celtisdal X 20 Township Development Mr Pierre Maritz, Johannesburg
- Environmental Feasibility Assessment for the proposed Lion Park Township in-site upgrade project, Gauteng Province Bigen Africa, Pretoria
- Environmental Scoping Study for the proposed Mont Rouge (Pecan View) Township Development, North West Province Wilcon Development, Pretoria
- Environmental Scoping Study for the proposed Dobsonville Extension Township Development, Gauteng Province Bigen Africa, Pretoria
- Environmental Scoping Study for the proposed Eldo Lakes Township Development, Gauteng Province Mr Theo Cilliers, Pretoria
- Environmental Scoping Study for the proposed Everglades Township Development, North West Province Captain Sterling Investments 90 (Pty) Ltd
- Environmental Scoping Study for the proposed Detergent Mixing Facility at the Oaks, Limpopo Province Tumber Fourie Consulting Engineers, Nelspruit
- Exemption from an Environmental Impact Assessment for the Proposed Barberon Reservoir, Mpumalanga Province Tumber Fourie Consulting Engineers, Nelspruit
- Exemption from an Environmental Impact Assessment for the Proposed Brits X92, North West Province Mr Jan De Klerk, Brits
- Vegetation Study on the Inchrakie Falls for an Environmental Impact Assessment on the proposed Spring Grove Dam, Kwazulu-Natal Province Department of Water Affairs and Forestry Head Office, Pretoria
- Exemption from an Environmental Impact Assessment for the Proposed Private Resort on Zandfontein 447 JQ, North West Province Eternity Star Investments cc, Hartbeespoort
- Exemption from an Environmental Impact Assessment for the Proposed Waterval East X25, North West Province Hocom Prop (Pty) Ltd
- Exemption from an Environmental Impact Assessment for the Proposed Mgcobaneni Reservoir, Mpumalanga Province Tumber Fourie Consulting Engineers, Nelspruit
- Exemption from an Environmental Impact Assessment for the Proposed Homes Haven X3, Gauteng Province Hocom Props, Johannesburg
- Exemption from an Environmental Impact Assessment for the proposed Tonga East Water Supply Pipeline, Mpumalanga Bigen Africa, Nelspruit
- Exemption from an Environmental Impact Assessment for the proposed Phakama Bulk Water Supply Pipeline, Mpumalanga Bigen Africa, Nelspruit
- Environmental Scoping Study for the Thulamahashe Road Upgrade, Limpopo Province Tumber Fourie Consulting Engineers, Nelspruit
- Environmental Scoping Study for the proposed North West Gateway Shopping Centre, North West Province Ronson Trading, Pretoria
- Environmental Scoping Study for the Kabokweni Waste Water Works (new plant and emergency repairs), Mpumalanga Province SKC Engineers, Nelspruit
- EIA Exemption Application for the Upgrade of the Thulamahashe Water Treatment Works, Limpopo Province Tumber Fourie Consulting Engineers
- EIA Exemption Application for the proposed Homes Haven X5, Gauteng Province Craus International (Pty) Ltd

- Environmental Scoping Study for the proposed Croc River Development, Dullstroom, Mpumalanga Province
- Calgro / Mr Jan Wilken, Lydenburg
- EIA Exemption Application for the proposed Zwartkops Golf Estate Phase 5, Gauteng Province Kriss Prop (Pty) Ltd
- Environmental Scoping Study for The Rest Township, Nelspruit, Mpumalanga Province Lure Investments (Pty) Ltd
- Environmental Scoping Study for the proposed Tamboti River Nature Estate, Limpopo Province Mr Albertus Booysen, Pretoria
- EIA Exemption Application for water and sewage reticulation in Namakgale, Phalaborwa, Limpopo Province SKC Consulting Engineers
- Environmental Scoping Study for the proposed Ponte Vecchio Township, Hartbeespoort Dam, Northwest Province Mr Christo Grobler
- Environmental Scoping Study for the proposed Dombeya Township, Hartbeespoort Dam, Northwest Province Mr Johan Le Roux
- EIA Exemption Application for Orchards X37 Township on Hartbeeshoek Portion 113, Orchards, Gauteng Province Golden Pond Trading 12 (Pty) Ltd
- EIA Exemption Application for Chantelle X31 Township, Gauteng Province Golden Pond Trading 12 (Pty) Ltd
- EIA Exemption Application for the proposed Lever Creek Estate, Gauteng Province Kriss Prop 4 (Pty) Ltd
- EIA Exemption Application for Amorosa X40 on Little Falls 30 & 31, Gauteng Province Krous International (Pty) Ltd
- Environmental Scoping Study for Amorosa X34 on Little Falls 15, Gauteng Province Mr Mike Edwards
- Environmental Scoping Study for the Newlands Private Game Reserve, Limpopo Province Cadcon Mr Marius Nel
- Environmental Scoping Study for the Swatruuggens Private Game Reserve, Northwest Province Mr Marius Nel
- Environmental Scoping Study for the Vaalwater Dorset Eskom Project, Limpopo Province Eskom Distribution
- Environmental Scoping Study for the Inyaka Dam Access Road, Limpopo Province Bigen Africa, on behalf of the Department of Water Affairs & Forestry
- Environmental Feasibility Studies for Rabie Ridge, etc. Johannesburg North RPT Housing Project, Gauteng Province, Bigen Africa on behalf of the Gauteng Department of Housing
- Environmental Scoping Study for the Zandspruit Phase 2 Township, Gauteng Province Bigen Africa on behalf of the Gauteng Department of Housing
- Environmental Scoping Study for the proposed Subdivision of Van Wyks Restant, Savannah Eco Estate, Gauteng Province Mr Willem Vermaak
- EIA Exemption Application for the Naas Water Treatment Works, Mpumalanga Province Bigen Africa
- EIA Exemption Application for the Amersfoort Pipeline, Mpumalanga Province Bigen Africa
- Environmental Scoping Study for the Leloko Lifestyle Estate, Northwest Province Mr Ian Meyer
- Environmental Scoping Study for the Burgersfort X30 & X31, Mpumalanga Province Mr Jaco van der Walt
- EIA Exemption Application for the proposed Strubensvallei X22, Gauteng Province Mr Marius Boersma
- EIA Exemption Application for the proposed Strubensvallei X8, Gauteng Province Mr Eddie Mof
- EIA Exemption Application for the proposed Strubensvallei X10, Gauteng Province Mr Eddie Mof
- EIA Exemption Application for the proposed Terenure X74 Township, Gauteng Province Cosmopolitan Projects
- Environmental Scoping Study for the proposed Elandslaagte Project, Dullstroom, Mpumalanga Mr & Mrs Colin Foster
- Environmental Scoping Study for the proposed Hartbeesfontein Project, Brits, NW Province Greeneyewee Investments (Pty) Ltd, Mr Henrie Joubert
- Environmental Scoping Study for the proposed Zilikaatsnek Wildlife Estate Phase 1, Brits, NW Province Mr Abel Du Toit
- Environmental Scoping Study for the proposed Spruce Meadows Polo & Equestrian Estate, Hartbeespoort Dam, NW Province Mr Henning Pretorius
- EIA Exemption Application for Montana X 132, Gauteng Province Golden Pond Trading 12 (Pty) Ltd
- EIA Exemption Application for the Amersfoort Water Reticulation Network, Mpumalanga Province Bigen Africa
- Environmental Scoping Study for the proposed Lotus Gardens X 1 Township, Gauteng Province Cosmopolitan Projects
- Environmental Scoping Study for the Worcester Road Upgrade and Cemetery, Limpopo Province, Rigogo Projects
- EIA Exemption Application for Winternest X7, Gauteng Province Financial Assistance for Africa, Mr Johan van der Westhuizen
- Environmental Impact Assessment for the Eskom Louis Trichardt-Paradise-Venetia Mine 120km Powerline Project, Limpopo Province, Eskom Distribution, Northern Region

- Environmental Impact Assessment for the Eskom Louis Trichardt-Soutpan-Venetia Mine 140km Powerline Project, Limpopo Province, Eskom Distribution, Northern Region
- Environmental Impact Assessment for the PP Rust 70km Powerline Project, Limpopo Province, Eskom Distribution, Northern Region
- Environmental Scoping Study for the Sekhukune Wildlife Estate, Limpopo Province, Rooibees Boerdery (Pty) Ltd

NEMA Projects in compliance with regulations stipulated in the National Environmental Management Act, (Act No 107 of 1998) as published in 2006.

- Basic Assessment for Brits X120, Motor Show Room, NW Province, Abel Du Toit
- Full Scoping & EIA for Orchards X45, Gauteng Province, England Builders, for Mr Izak Botha
- Basic Assessment for Eskom Veekraal Substation, NW Province, Eskom Distribution, Northern Region
- Basic Assessment for Eskom Shaft 15 Substation, NW Province, Eskom Distribution, Northern Region
- Full Scoping & EIA for Elandsrand X9, NW Province c/o Dr Kotie Kruger
- Full Scoping & EIA for Brits X136, NW Province c/o Dr Kotie Kruger
- Basic Assessment for Chioorkop X62, Gauteng Province, Genesis Projects
- Basic Assessment for Motorvia Project (Witfontein X51), Gauteng Province, c/o Dr Kotie Kruger
- Basic Assessment for Eskom Nooitgedacht Substation, Mpumalanga Province, Eskom Distribution, Northern Region
- Basic Assessment for Eskom Ermelo-Majuba 60km Powerline, Mpumalanga Province, Eskom Distribution, Northern Region
- Basic Assessment for Eskom Marang Shaft 16km Powerline, NW Province Mpumalanga Province, Eskom Distribution, Northern Region
- Full Scoping & EIA for Germ Valley Extensions 1 - 4, Gauteng Province, Cosmopolitan Projects
- Full Scoping & EIA for Germ Valley Extensions 5 - 16, Gauteng Province, Cosmopolitan Projects
- Environmental Supervision for Alexandra X10 Housing Project, Gauteng Province, Alexandra Renewal Project
- Full Scoping & EIA for Eskom Tshino Project, Limpopo Province, Urgeneg Consulting
- Full Scoping & EIA for Eskom Witkop-Lebowa 32km Powerline Project, Limpopo Province, Urgeneg Consulting
- Full Scoping & EIA for Eskom Voorspoed-Dwaalkop 9km Powerline Project, Limpopo Province, Urgeneg Consulting
- Consulting
- Full Scoping & EIA for Chioorkop X65 Industrial Development, Gauteng Province, Cosmopolitan Projects
- Full Scoping & EIA for the Eskom Shaft 17 Group Project, NW Province, Eskom Distribution, Northern Region
- Full Scoping & EIA for the Eskom Hilltop Project, Mpumalanga Province, Urgeneg Consulting
- Full Scoping & EIA for the Eskom Thohoyandou Project, Limpopo Province, Eskom Distribution, Northern Region
- Region
- Full Scoping & EIA for the Eskom Nesenang Substation Project, Limpopo Province, Urgeneg Consulting
- Full Scoping & EIA for the Eskom Pebble Rock Project, Gauteng Province, Eskom Distribution
- Full Scoping & EIA for the Eskom Rethabiseng Project, Mpumalanga Province, Eskom Distribution Northern Region
- Region
- Full Scoping & EIA for the Eskom Musina Upgrade Project, Limpopo Province, Eskom Distribution Northern Region
- Region
- Full Scoping & EIA for the Eskom Matabas Bulge Project, Limpopo Province, Eskom Distribution Northern Region
- Full Scoping & EIA for the Eskom Matafin Project, Mpumalanga Province, Urgeneg Consulting
- Full Scoping & EIA for the Zilikaats Wildlife Estate Phase 2, Northwest Province, Mr Abel Du Toit
- Full Scoping & EIA for the Groot Marico Extension (Marico Bosveld Dam), Northwest Province, AJK Projects
- Full Scoping & EIA for the ATKV Buffelspoort Upgrade Project, Northwest Province, ATKV Resorts
- Basic Assessment for the Shatale Water Transfer Line, Mpumalanga Province, Tumber Fourie Consulting Engineers
- Basic Assessment for the Tonga Water Transfer Line, Mpumalanga Province, Tumber Fourie Consulting Engineers
- Basic Assessment for the Inyaka Dam Water Pipeline, Mpumalanga Province, Bigen Africa Consulting Engineers
- Basic Assessment for Bridge 483 Widening, Gauteng Province, SKC Consulting Engineers
- Basic Assessment for the Witfontein-Nungu Township Development, Gauteng Province, Nungu (Pty) Ltd
- Section 24 (G) Non-Compliance Application for the Brits X120, Northwest Province, Mr Abel Du Toit
- Section 24 (G) Non-Compliance Application for the Wigwam Hotel & Golf Estate, Northwest Province, Mr Hans Marx
- Basic Assessment for Clubview X95, Gauteng Province, Krisp Props 12 (Pty) Ltd

- The Zoning of Tzaneen Dam, Northern Province, Department of Water Affairs & Forestry, Northern Province
 - The Zoning of Buffelspoort Dam, Northwest Province, Department of Water Affairs & Forestry, Northern Province Region
 - The Zoning of Voelvel Dam, Western Cape, Department of Water Affairs & Forestry, Western Cape Region
 - The Zoning of the Vaal Dam (Gauteng, Mpumalanga and Free State Provinces), Department of Water Affairs & Forestry, Gauteng Region
 - The Zoning of the Maguga Dam, Swaziland, Zoning specialist input on the working team for RAU-EGON on behalf of the Maguga Development Network
- 2.4 ZONING OF DAM BASINS ("SUSTAINABLE UTILISATION PLANS")

- EMPR permit application for borrow pit for the Jerusalem Road Maintenance Project, Limpopo Province
 - Tumber Fourie Consulting Engineers, Nelspruit
 - EMPR permit application for borrow pits for the Thulamahashe to Cunninghammoor A Road Upgrade, Limpopo Province, Tumber Fourie Consulting Engineers, Nelspruit
 - EMPR permit application for borrow pit for the Roedtan Mokopane Road Upgrade, Limpopo Province, Tumber Fourie Consulting Engineers, Nelspruit
- 2.3 ENVIRONMENTAL MANAGEMENT PROGRAMMES FOR REHABILITATION (EMPRs) FOR BORROW-PITS AND QUARRIES

- Weir in the Lomati River, Mpumalanga Province, Tumber Fourie Consulting Engineers
 - Kabokweni Sewage Treatment Works, Mpumalanga Province, SKC Consulting Engineers
 - Bridge 483 Widening, Gauteng Province, SKC Consulting Engineers
 - ATKV Buffelspoort Resort (sewage treatment works, waste transfer facility, river crossings and water storage) Northwest Province, ATKV
 - Klipspruit Sewage Treatment Works and Pipeline, Witbank, Tumber Fourie Consulting Engineers
- 2.3 WATER USE LICENSE APPLICATIONS
- In progress:
- Klipspruit Sewage Treatment Works, for V3 Consulting Engineers on behalf of the Emalaheni Local Municipality
 - Daveil/Kwadela Sewage Treatment Works for Tumber Fourie Consulting Engineers on behalf of the Musukligwa Municipality
 - Sewage Treatment Works for the Spruce Meadows Equestrian Estate

- 2.2 WASTE LICENSE APPLICATIONS
- Full Scoping & EIA for the proposed Upgrade of the Klipspruit Sewage Treatment Works, for V3 Consulting Engineers on behalf of the Emalaheni Local Municipality
 - Full Scoping & EIA for the proposed Upgrade Daveil/Kwadela Sewage Treatment Works for Tumber Fourie Consulting Engineers on behalf of the Musukligwa Municipality
 - Basic Assessment for the Eskom Riverston Project, Eskom Distribution, Menlyn Office
 - Basic Assessments for three sections of the Marble Hall NDP Project, Eskom Distribution, Witbank Office
 - Basic Assessments for Anglo Coal Bravo New Largo-Khutata Project, Eskom Distribution, Witbank Office
 - Basic Assessment for Anglo Coal Cologne-Smithfield Project, Eskom Distribution, Witbank Office
 - Full Scoping & EIA for the proposed The Willows Project, JSG Developments (on behalf of the City of Tshwane Metropolitan Municipality)
 - Full Scoping & EIA for the proposed Nellimapius Project No 3, JSG Developments (on behalf of the City of Tshwane Metropolitan Municipality)
 - Full Scoping & EIA for the proposed Nellimapius Project No 2, JSG Developments (on behalf of the City of Tshwane Metropolitan Municipality)
 - Full Scoping & EIA for the proposed Nellimapius Project No 1, JSG Developments (on behalf of the City of Tshwane Metropolitan Municipality)

2.5 VISUAL IMPACT ASSESSMENTS

- Visual Impact Assessment on Scoping Level – Prmkop Airport, Mpumalanga, BKS Consulting Engineering Consultants, Pretoria
- Visual Impact Assessment : Eskom Kiebank Upgrade and 2 X 400 kV Power Lines, Gauteng Province, EIMA, Johannesburg
- Visual Impact Assessment for the proposed Eskom Duvha-Leseding Transmission Powerline, Mpumalanga Province, Eskom Transmission, Megawatt Park
- Visual Impact Assessment on Scoping Level – Upgrade of Wonderboom Airport, Gauteng, BKS Engineers and Project Managers

3. THE PROFESSIONAL TEAM

Annelize Grobler is a qualified landscape architect who obtained valuable working experience in the Department of Water Affairs for a period of 8 years before she established Landscape Dynamics Environmental Consultants in May 1997. Office administration is the responsibility of Ms Zeida van Zyl. A well-established working relationship with Ms Susanna Nel of Ditsana Environmental Consulting in Somerset-West is effective as a satellite office base for Landscape Dynamics in the Western Cape Province. Mr Johannes Nel also has a working agreement with Landscape Dynamics - he is largely responsible for water use license applications. Curriculum vitae's of these individuals are available on request.

Landscape Dynamics has access to a variety of skills through association with specialists in their different fields of expertise. These specialist fields include the following:

- Ecology (Fauna & Flora)
- Wetland and Riparian Delineations
- Archaeology & Cultural History & Historical Architecture
- Agricultural Feasibility Assessments
- Geotechnical Engineering & Engineering Geology
- Geo-hydrology
- Aquatic Surveys
- Civil Engineering
- Social Consultants
- GIS Applications
- Architecture
- Landscaping and Civil Contractors

These associations enable Landscape Dynamics to supply a "one stop" service to the client. Landscape Dynamics has proved its ability to work effectively either independent or as part of a team or joint venture.

4. CLIENT BASE

Landscape Dynamics has a well-established client base from both the private and government sectors that include Eskom Distribution Northern Region; Department of Water Affairs; Cosmopolitan Projects; Bigen Africa Consulting Engineers; Civilconsult Engineering Consultants; Tumber Fourie Consulting Engineers; SKC Consulting Engineers; Lombard Du Preez Town Planners & Land Surveyors; Platinum Town Planners; Urguneg Consulting; ATKV Resorts; etc. References are available on request.

5. WORKING AREAS

Most significant experience has been obtained in the Gauteng, Northwest, Limpopo and Mpumalanga Provinces. Due to the nature of Environmental Impact Assessments, Landscape Dynamics is however able to undertake work country wide, including in adjacent countries such as Lesotho, Swaziland and Mozambique. The office of Ditsana Environmental Consulting in Somerset-West enables the supply of an efficient service in the Western Cape and surrounding provinces.

6. GENERAL APPROACH TO CONSULTANCY WORK

Landscape Dynamics' strength is in taking a multi-disciplinary approach to enable a cost- and time efficient service to all its clients whilst ensuring work of a high standard. It is for this reason that careful consideration of the scope of work is done prior to any actions being taken. This ensures that only relevant issues are addressed and that work unnecessary to reach the objective of the study or work unnecessary for consideration of approval by the authorities, is not undertaken. Landscape Dynamics supports emerging professionals from historically disadvantaged working sectors wherever the required expertise is available.

The initiated and developed the departmental processes for the zoning of dam basins (including zoning guidelines and policies) for the Department of Water Affairs and Forestry. (This document has recently been extensively revised to include the latest legislative requirements according to the National Water Act, Act 36 of 1988.) The purpose of the dam zonings is mainly to guide conservation, recreation,

- the Orange River System Analysis;
- the Orange River Replanning Study;
- the Vaal Augmentation Planning Studies (Tugela/Vaal Transfer Scheme, Orange/Vaal Transfer Scheme, Lesotho Highlands Project Further Phases);
- the Ladysmith Flood Attenuation Scheme (Quedusizi Dam)
- the Klein Karoo Rural Water Supply Scheme.

Projects of significance with which she was involved during this period, include development Participation Programmes and environmental supervision during the construction phase of project Assessments (ecological and social), identification of rehabilitation specifications, undertaking of Public all phases of water project development. This included the compilation of Environmental Impact Forestry where she was responsible for the application of Integrated Environmental Management during Ms Grobler established the basis of her working experience in the Department of Water Affairs and Forestry where she was responsible for the application of Integrated Environmental Management during

DEPARTMENT OF WATER AFFAIRS AND FORESTRY

KEY WORKING EXPERIENCE

May 1997 – present	Department of Water Affairs & Forestry	Landscaping Dynamics
January 1989 – April 1997	Department of Water Affairs & Forestry	Landscaping Dynamics Environmental Consultants
None		
Code 08		
Excellent		
Divorced, two children ages 12 and 14		
Pretoria, 0181		
91 Wenning Street, Groenkloof,		
P.O. Box 947, Groenkloof, Pretoria, 0027		
Managing Member		
Landscaping Dynamics Environmental Consultants		
English (speak, read and write excellent)		
Afrikaans (speak, read and write excellent)		
Education, 1997		
Potchefstroom University for Christian Higher		
Disturbed Areas		
"Principles of the Rehabilitation of		
University of Cape Town, 1992		
Theory and Practice"		
"Integrated Environmental Management –		
Completed the following additional courses:		
Pretoria, 1988;		
BL (Landscape Architecture) – University of		
19 years		
23 April 1965		
South African		
		Nationality
		Date of birth
		Years of experience
		Academic qualifications
		Languages
		Present employment
		Present position in firm
		Postal address
		Home address
		Marital status
		Health
		Drivers' license
		Criminal record
		Employment history

PERSONAL DETAILS

ANNELIZE GROBLER
 CONDENSED CURRICULUM VITAE
 (ID 650423 0014 081)

sport and tourism development and to ensure optimum utilization of a state asset. She was responsible for, or involved with, numerous dam zonings which include, amongst others,

- Roodepaat Dam;
- Ebenezer Dam;
- Sterkfontein Dam;
- Wrigleswade Dam.

During her employment with the Department of Water Affairs and Forestry, she was also responsible for the arrangement of numerous environmental workshops which include, the following :

- Orange River Environmental Workshops No 1 & 2
- Umgeni River Environmental Impact Assessment Workshop
- Tugela River Instream Flow Requirement Workshop
- Interbasin Transfer Workshop

The involvement and attendance of the above events included in most cases the compilation of workshop programmes and information documents, participation in presentations and discussions, the documenting of proceedings, findings and recommendations as well as assistance in the writing of the final reports.

Ms Grobler has on a regular basis been invited (from 1994 to 1997) to present lectures on the recreational utilization of dam basins for the post-graduate course SHC788 Environmental Engineering for the Civil Engineering Department of the University of Pretoria.

Ms Grobler was co-author of the chapter on the environment in the publication "Large Dams and Water Systems in South Africa", published by the Department of Water Affairs and Forestry, May 1994. Ms Grobler was responsible for the section on the zonings of dam basins.

LANDSCAPE DYNAMICS

Ms Grobler established the environmental consultancy firm Landscape Dynamics cc in May 1997. Since this date, she continued with dam zoning projects for the Department of Water Affairs and Forestry, but the emphasis of work undertaken by Landscape Dynamics is at present in the field of Environmental Impact Assessments for both private and government institutions. Experience in detail landscape design was obtained through her responsibility for landscape projects (design and/or construction) primarily for private institutions.

Detail information on Ms Grobler's working experience since 1997 is included in the Company Profile of Landscape Dynamics. As Managing Member of Landscape Dynamics, Ms Grobler was either project manager or co-responsible for the end-product of all mentioned projects.